

## 3.4 Emission Mask

### 3.4.1 Limit of Emission Mask

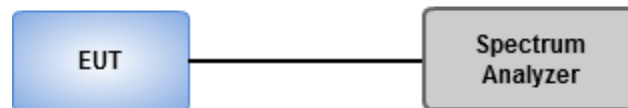
The power of any emission must be attenuated below the unmodulated carrier power (P) as follows.

- (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25 dB.
- (2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB.
- (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least  $43 + 10 \log (P)$  dB.

### 3.4.2 Test Procedures

1. Set RBW=1% of 26dBc bandwidth, VBW=3 X RBW, detector=RMS, Sweep time = Auto.
2. Set EUT to transmit modulation signal to spectrum analyzer and confirm that the signal complies the limit or not.
3. Record the max trace value and capture the test plot.

### 3.4.3 Test Setup

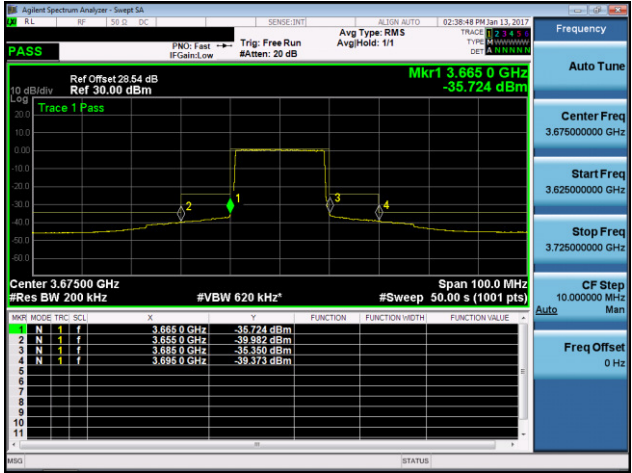


### 3.4.4 Test Result of Emission Mask



| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CB: 10MHz, 64QAM | --- |     |              |             |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
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| Low Channel, Full RB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | --- |     |              |             |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| <div><div><div><div><div>Agilent Spectrum Analyzer - Sweep SA</div><div>RL</div><div>RF</div><div>150.0</div><div>DC</div><div>SENSE:INT1</div><div>ALIGN: AUTO</div><div>12:37:49 PM Jan 13, 2017</div></div><div><div>PASS</div><div>FNO: Fast</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>#Atten: 20 dB</div><div>Avg Type: RMS</div><div>Avg/Hold: 1/1</div><div>TRACE 1</div><div>TYPE: N</div><div>TIME: 0.000000</div><div>DET: A</div><div>RES: 100 kHz</div></div></div><div><div>Ref Offset 28.54 dB</div><div>Ref 30.00 dBm</div><div>Mkr1 3.650 00 GHz</div><div>-36.501 dBm</div><div>Trace 1 Pass</div><div>Start 3.63000 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz*</div><div>Stop 3.68000 GHz</div><div>#Sweep 50.00 s (1001 pts)</div><div><table><tr><th>MNR</th><th>MODE</th><th>TRC</th><th>SCN</th><th>F</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>3.650 00 GHz</td><td>-36.501 dBm</td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>3.645 00 GHz</td><td>-43.076 dBm</td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>3.660 00 GHz</td><td>-36.591 dBm</td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>3.665 00 GHz</td><td>-42.894 dBm</td><td></td><td></td></tr></table></div><div>MSO Alignment Completed</div><div>STATUS</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq</div><div>3.655000000 GHz</div><div>Start Freq</div><div>3.630000000 GHz</div><div>Stop Freq</div><div>3.680000000 GHz</div><div>CF Step</div><div>5.000000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div></div></div> |                  |     | MNR | MODE         | TRC         | SCN            | F              | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | N | 1 | f | 3.650 00 GHz | -36.501 dBm |  |  | 2 | N | 1 | f | 3.645 00 GHz | -43.076 dBm |  |  | 3 | N | 1 | f | 3.660 00 GHz | -36.591 dBm |  |  | 4 | N | 1 | f | 3.665 00 GHz | -42.894 dBm |  |  |
| MNR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MODE             | TRC | SCN | F            | FUNCTION    | FUNCTION WIDTH | FUNCTION VALUE |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.650 00 GHz | -36.501 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.645 00 GHz | -43.076 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.660 00 GHz | -36.591 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.665 00 GHz | -42.894 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| Mid. Channel, Full RB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  | --- |     |              |             |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| <div><div><div><div><div>Agilent Spectrum Analyzer - Sweep SA</div><div>RL</div><div>RF</div><div>150.0</div><div>DC</div><div>SENSE:INT1</div><div>ALIGN: AUTO</div><div>01:15:01 PM Jan 13, 2017</div></div><div><div>PASS</div><div>FNO: Fast</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>#Atten: 20 dB</div><div>Avg Type: RMS</div><div>Avg/Hold: 1/1</div><div>TRACE 1</div><div>TYPE: N</div><div>TIME: 0.000000</div><div>DET: A</div><div>RES: 100 kHz</div></div></div><div><div>Ref Offset 28.54 dB</div><div>Ref 30.00 dBm</div><div>Mkr1 3.670 00 GHz</div><div>-35.497 dBm</div><div>Trace 1 Pass</div><div>Center 3.67500 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz*</div><div>Span 50.00 MHz</div><div>#Sweep 50.00 s (1001 pts)</div><div><table><tr><th>MNR</th><th>MODE</th><th>TRC</th><th>SCN</th><th>F</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>3.665 00 GHz</td><td>-41.502 dBm</td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>3.680 00 GHz</td><td>-35.931 dBm</td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>3.665 00 GHz</td><td>-41.322 dBm</td><td></td><td></td></tr></table></div><div>MSO</div><div>STATUS</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq</div><div>3.675000000 GHz</div><div>Start Freq</div><div>3.650000000 GHz</div><div>Stop Freq</div><div>3.700000000 GHz</div><div>CF Step</div><div>5.000000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div></div></div>                                                                                                                                  |                  |     | MNR | MODE         | TRC         | SCN            | F              | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | N | 1 | f | 3.665 00 GHz | -41.502 dBm |  |  | 2 | N | 1 | f | 3.680 00 GHz | -35.931 dBm |  |  | 3 | N | 1 | f | 3.665 00 GHz | -41.322 dBm |  |  |   |   |   |   |              |             |  |  |
| MNR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MODE             | TRC | SCN | F            | FUNCTION    | FUNCTION WIDTH | FUNCTION VALUE |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.665 00 GHz | -41.502 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.680 00 GHz | -35.931 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.665 00 GHz | -41.322 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| High Channel, Full RB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  | --- |     |              |             |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| <div><div><div><div><div>Agilent Spectrum Analyzer - Sweep SA</div><div>RL</div><div>RF</div><div>150.0</div><div>DC</div><div>SENSE:INT1</div><div>ALIGN: AUTO</div><div>01:33:37 PM Jan 13, 2017</div></div><div><div>PASS</div><div>FNO: Fast</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>#Atten: 20 dB</div><div>Avg Type: RMS</div><div>Avg/Hold: 1/1</div><div>TRACE 1</div><div>TYPE: N</div><div>TIME: 0.000000</div><div>DET: A</div><div>RES: 100 kHz</div></div></div><div><div>Ref Offset 28.54 dB</div><div>Ref 30.00 dBm</div><div>Mkr1 3.690 00 GHz</div><div>-34.725 dBm</div><div>Trace 1 Pass</div><div>Center 3.69500 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz*</div><div>Span 50.00 MHz</div><div>#Sweep 50.00 s (1001 pts)</div><div><table><tr><th>MNR</th><th>MODE</th><th>TRC</th><th>SCN</th><th>F</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>3.690 00 GHz</td><td>-34.725 dBm</td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>3.685 00 GHz</td><td>-41.364 dBm</td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>3.700 00 GHz</td><td>-34.981 dBm</td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>3.705 00 GHz</td><td>-41.030 dBm</td><td></td><td></td></tr></table></div><div>MSO</div><div>STATUS</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq</div><div>3.695000000 GHz</div><div>Start Freq</div><div>3.670000000 GHz</div><div>Stop Freq</div><div>3.720000000 GHz</div><div>CF Step</div><div>5.000000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div></div></div>                      |                  |     | MNR | MODE         | TRC         | SCN            | F              | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | N | 1 | f | 3.690 00 GHz | -34.725 dBm |  |  | 2 | N | 1 | f | 3.685 00 GHz | -41.364 dBm |  |  | 3 | N | 1 | f | 3.700 00 GHz | -34.981 dBm |  |  | 4 | N | 1 | f | 3.705 00 GHz | -41.030 dBm |  |  |
| MNR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MODE             | TRC | SCN | F            | FUNCTION    | FUNCTION WIDTH | FUNCTION VALUE |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.690 00 GHz | -34.725 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.685 00 GHz | -41.364 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.700 00 GHz | -34.981 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N                | 1   | f   | 3.705 00 GHz | -41.030 dBm |                |                |          |                |                |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |   |   |   |   |              |             |  |  |



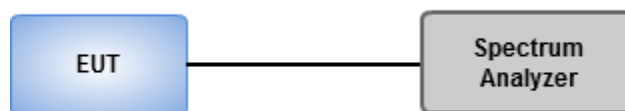
|                                                                                     |                  |     |
|-------------------------------------------------------------------------------------|------------------|-----|
| Mode                                                                                | CB: 20MHz, 64QAM | --- |
| Low Channel, Full RB                                                                |                  | --- |
|    |                  |     |
| Mid. Channel, Full RB                                                               |                  | --- |
|   |                  |     |
| High Channel, Full RB                                                               |                  | --- |
|  |                  |     |

### 3.5 26dBc Bandwidth

#### 3.5.1 Test Procedures

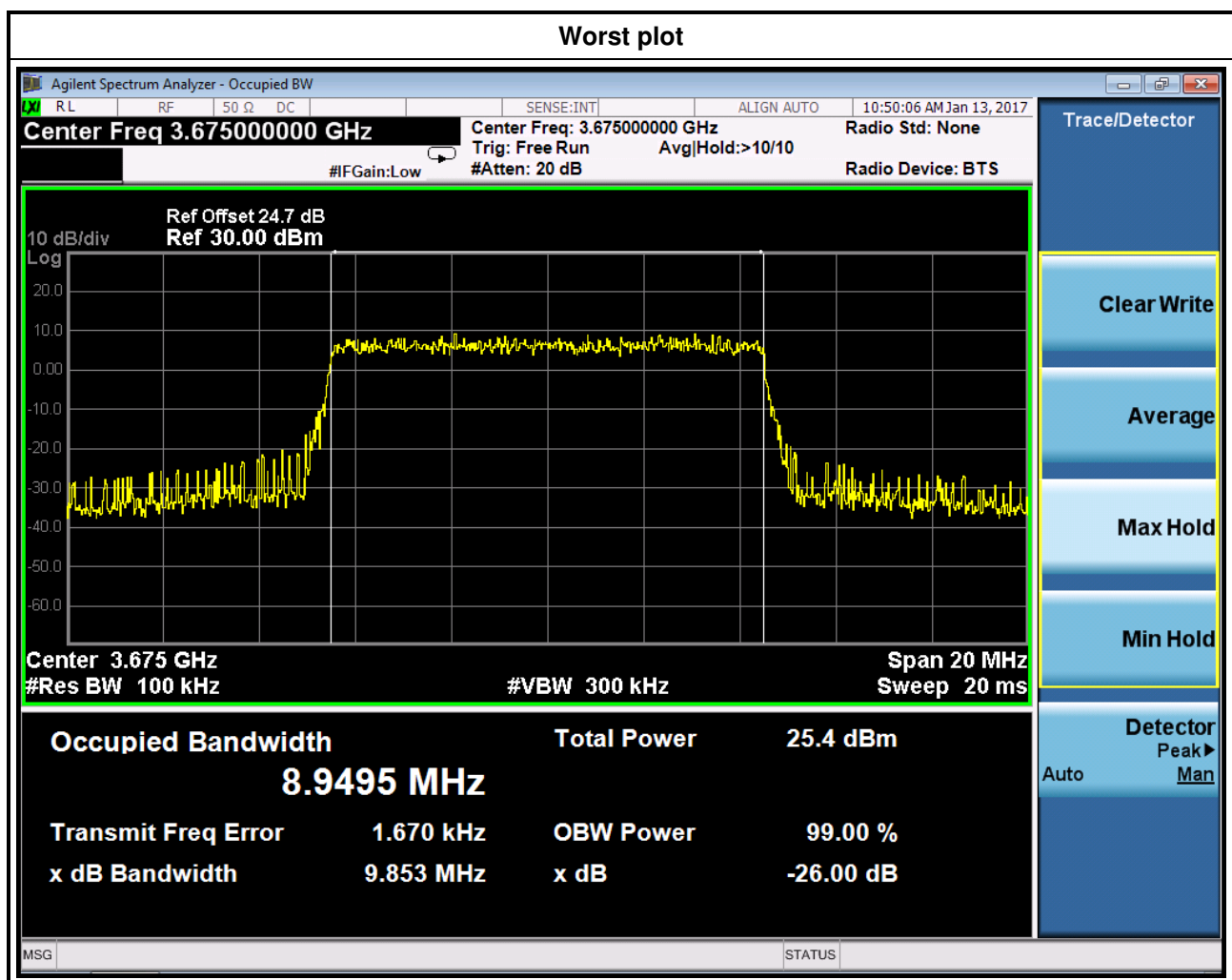
1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth=300kHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Using 26dBc and occupied bandwidth measurement function of spectrum analyzer to measure 26dBc and occupied bandwidth.

#### 3.5.2 Test Setup

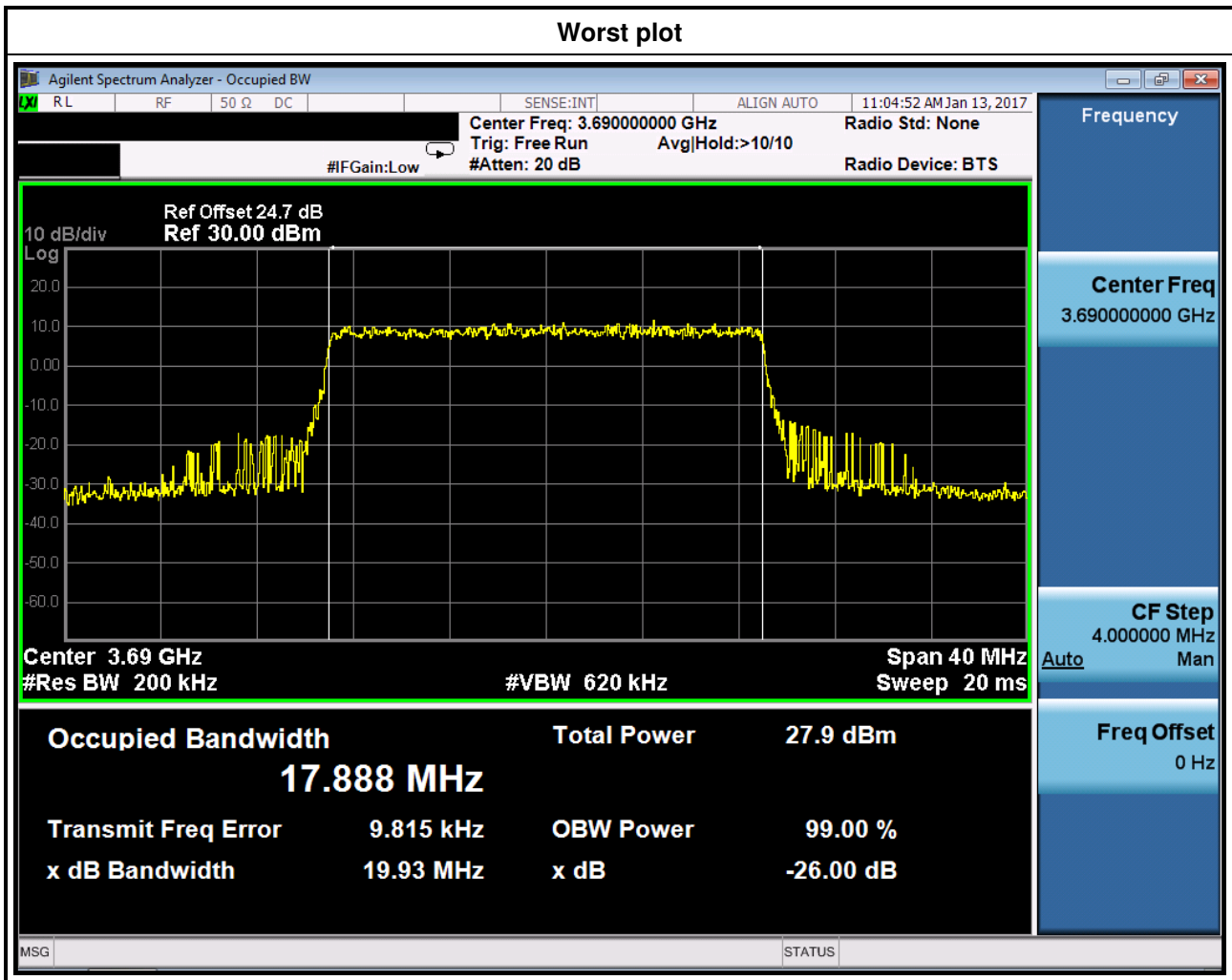


### 3.5.3 Test Result of 26dBc Bandwidth

| Channel Bandwidth (MHz) | Modulation | Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
|-------------------------|------------|---------|-----------------|----------------------|--------------------------|
| 10                      | QPSK       | 44140   | 3655            | 9.696                | 8.9215                   |
| 10                      | QPSK       | 44340   | 3675            | 9.627                | 8.9249                   |
| 10                      | QPSK       | 44540   | 3695            | 9.635                | 8.9225                   |
| 10                      | 16QAM      | 44140   | 3655            | 9.802                | 8.9444                   |
| 10                      | 16QAM      | 44340   | 3675            | 9.593                | 8.8973                   |
| 10                      | 16QAM      | 44540   | 3695            | 9.759                | 8.9427                   |
| 10                      | 64QAM      | 44140   | 3655            | 9.564                | 8.9301                   |
| 10                      | 64QAM      | 44340   | 3675            | 9.853                | 8.9495                   |
| 10                      | 64QAM      | 44540   | 3695            | 9.530                | 8.9077                   |



| Channel Bandwidth (MHz) | Modulation | Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | Occupied Bandwidth (MHz) |
|-------------------------|------------|---------|-----------------|----------------------|--------------------------|
| 20                      | QPSK       | 44190   | 3660            | 19.34                | 17.888                   |
| 20                      | QPSK       | 44340   | 3675            | 19.30                | 17.838                   |
| 20                      | QPSK       | 44490   | 3690            | 19.93                | 17.888                   |
| 20                      | 16QAM      | 44190   | 3660            | 19.32                | 17.825                   |
| 20                      | 16QAM      | 44340   | 3675            | 19.27                | 17.855                   |
| 20                      | 16QAM      | 44190   | 3690            | 19.35                | 17.845                   |
| 20                      | 64QAM      | 44190   | 3660            | 19.14                | 17.824                   |
| 20                      | 64QAM      | 44340   | 3675            | 19.40                | 17.825                   |
| 20                      | 64QAM      | 44190   | 3690            | 19.38                | 17.836                   |



## 3.6 Frequency Stability

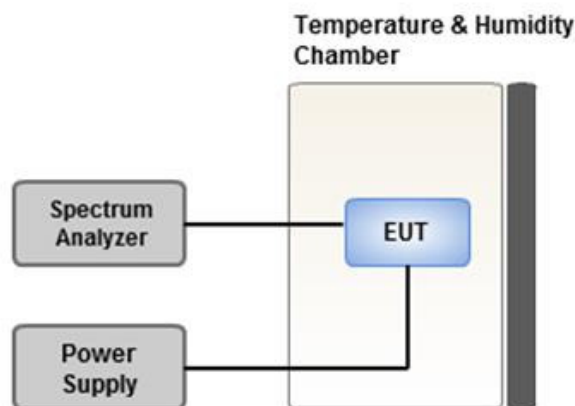
### 3.6.1 Limit of Frequency Stability

The frequency stability shall be less +/- 2.5ppm.

### 3.6.2 Test Procedures

1. EUT was placed at temperature chamber and connected to an external power supply.
2. Temperature and voltage condition shall be tested to confirm frequency stability.
3. Temperature range is from -40~60°C and voltage range is from lowest to highest working voltage.
4. Tem Link up EUT and simulator. Confirm frequency drift value of simulator and record it.

### 3.6.3 Test Setup



### 3.6.4 Test Result of Frequency Stability

Channel Bandwidth: 10MHz

| Frequency: 3675MHz | Frequency Drift (ppm) |                 |
|--------------------|-----------------------|-----------------|
| Temperature (°C)   | Frequency Error (ppm) | Limit (ppm)     |
| T20°C Vmax         | 0.014                 | 2.5             |
| T20°C Vmin         | 0.013                 | 2.5             |
| T60°C Vnom         | 0.012                 | 2.5             |
| T50°C Vnom         | 0.012                 | 2.5             |
| T40°C Vnom         | 0.011                 | 2.5             |
| T30°C Vnom         | 0.012                 | 2.5             |
| T20°C Vnom         | 0.013                 | 2.5             |
| T10°C Vnom         | 0.010                 | 2.5             |
| T0°C Vnom          | 0.014                 | 2.5             |
| T-10°C Vnom        | 0.013                 | 2.5             |
| T-20°C Vnom        | 0.011                 | 2.5             |
| T-30°C Vnom        | 0.013                 | 2.5             |
| T-40°C Vnom        | 0.012                 | 2.5             |
| Vnom [Vac]: 120    | Vmax [Vac]: 138       | Vmin [Vac]: 102 |
| Tnom [°C]: 20      | Tmax [°C]: 60         | Tmin [°C]: -40  |

Channel Bandwidth: 20MHz

| Frequency: 3675MHz | Frequency Drift (ppm) |                 |
|--------------------|-----------------------|-----------------|
| Temperature (°C)   | Frequency Error (ppm) | Limit (ppm)     |
| T20°C Vmax         | 0.013                 | 2.5             |
| T20°C Vmin         | 0.012                 | 2.5             |
| T60°C Vnom         | 0.011                 | 2.5             |
| T50°C Vnom         | 0.010                 | 2.5             |
| T40°C Vnom         | 0.012                 | 2.5             |
| T30°C Vnom         | 0.011                 | 2.5             |
| T20°C Vnom         | 0.011                 | 2.5             |
| T10°C Vnom         | 0.013                 | 2.5             |
| T0°C Vnom          | 0.013                 | 2.5             |
| T-10°C Vnom        | 0.014                 | 2.5             |
| T-20°C Vnom        | 0.013                 | 2.5             |
| T-30°C Vnom        | 0.012                 | 2.5             |
| T-40°C Vnom        | 0.011                 | 2.5             |
| Vnom [Vac]: 120    | Vmax [Vac]: 138       | Vmin [Vac]: 102 |
| Tnom [°C]: 20      | Tmax [°C]: 60         | Tmin [°C]: -40  |

## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No. 30-2, Ding Fwu Tsuen, Lin  
Kou District, New Taipei City,  
Taiwan, R.O.C.

### **Kwei Shan**

Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd St.,  
Kwei Shan District, Tao Yuan City  
333, Taiwan, R.O.C.

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd  
St., Kwei Shan District, Tao Yuan  
City 333, Taiwan, R.O.C..

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666

Fax: 886-3-318-0155

Email: ICC\_Service@icertifi.com.tw

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