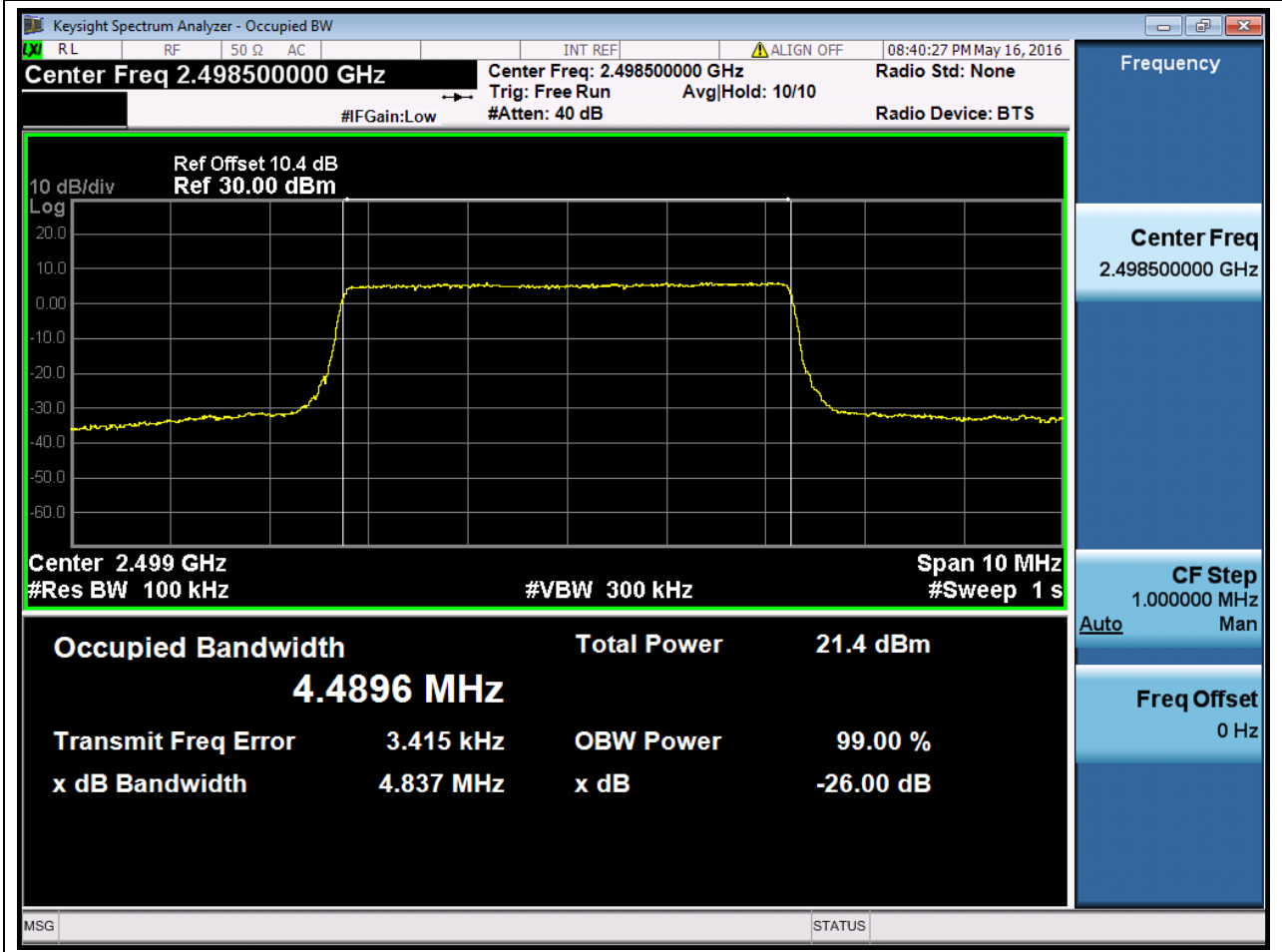


# **Annex C. LTE Transmitter Occupied Bandwidth(SA)**

# 1. LTE\_Band41

## 1.1. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:1, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2498.5                 | 99            | 26           | 0.1       | RMS      | 4.49      | 4.84                | 5                 | Pass    |



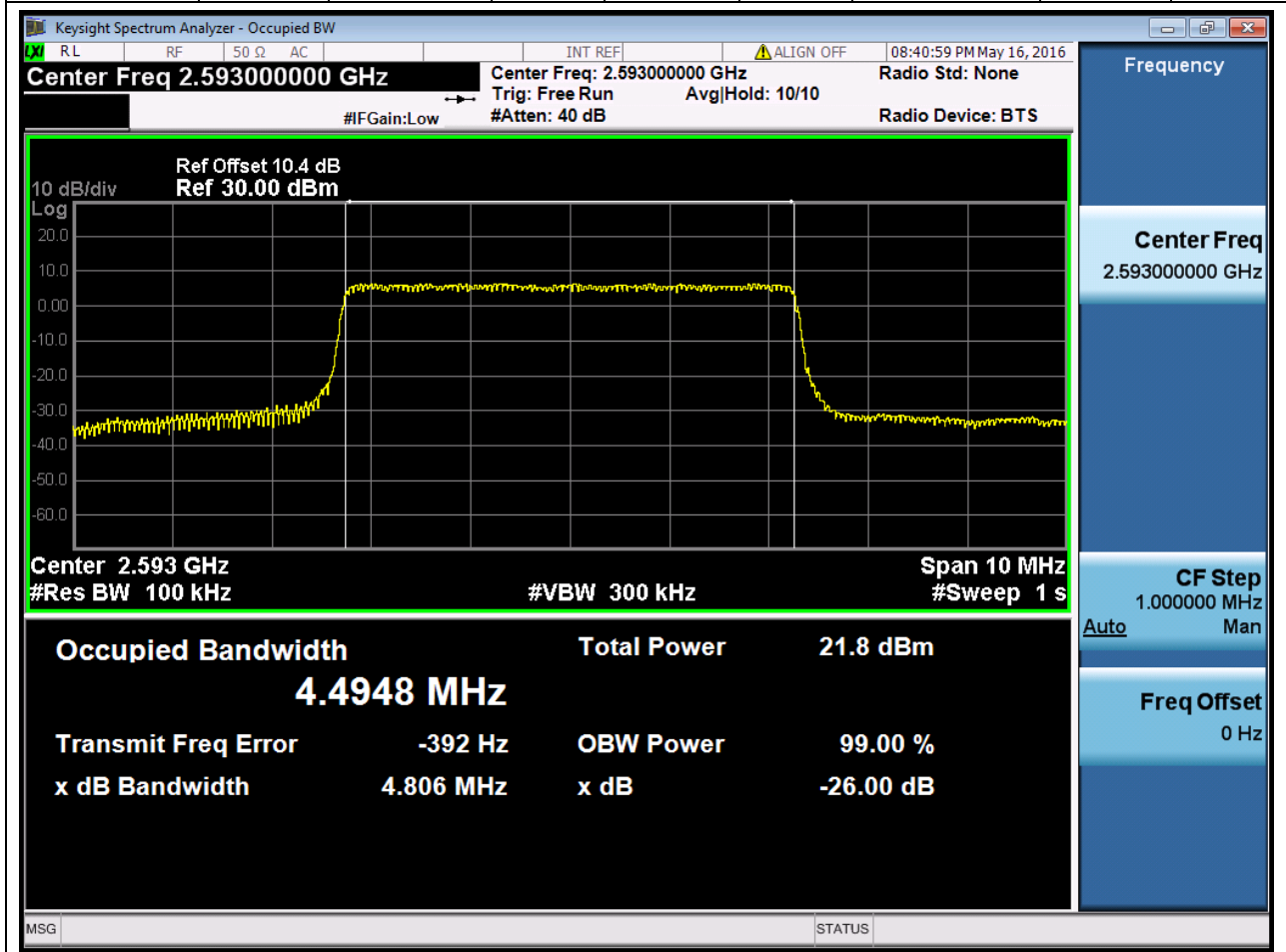
**1.2. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2498.5                 | 99            | 26           | 0.1       | RMS      | 4.49      | 4.8                 | 5                 | Pass    |



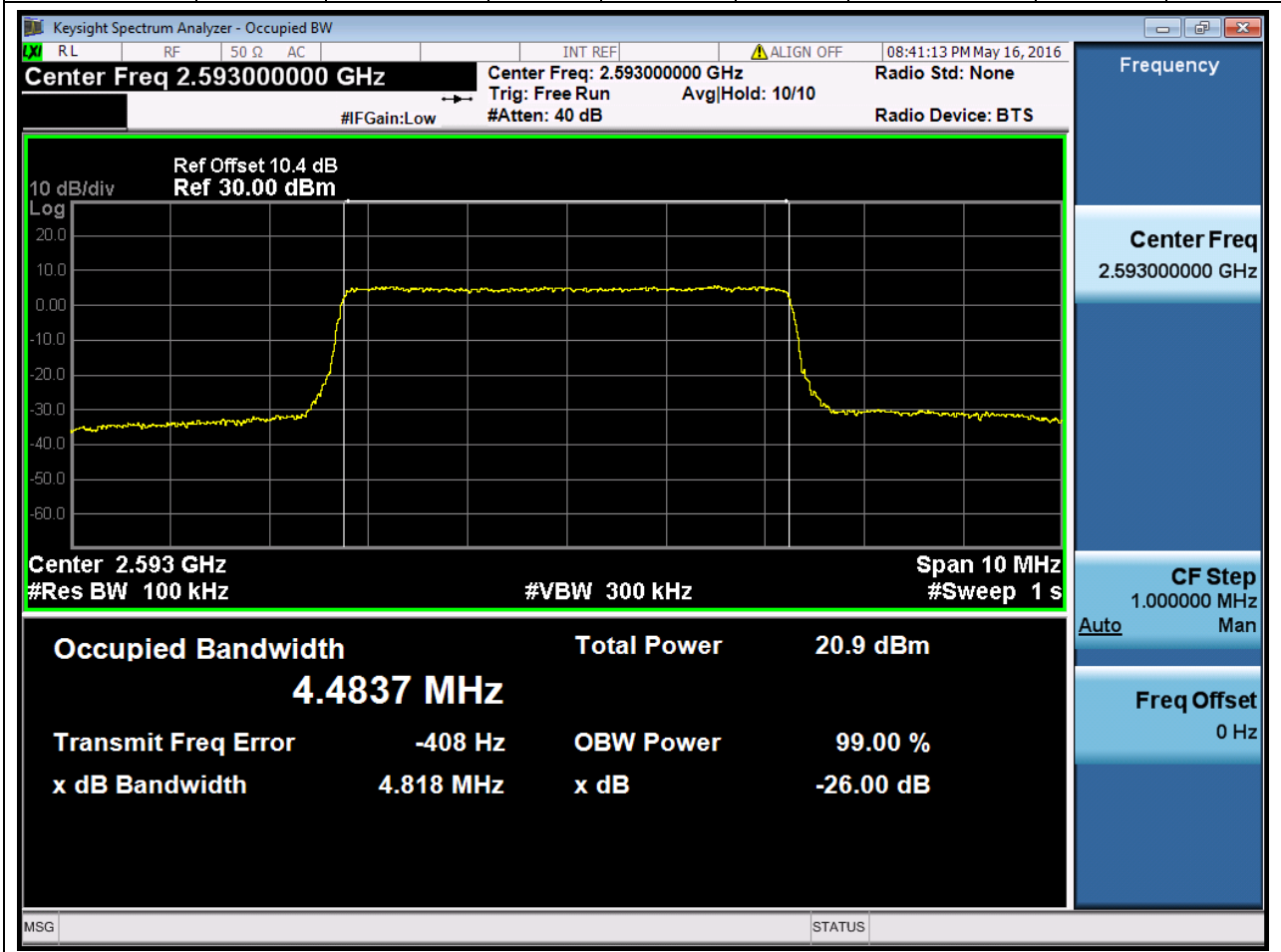
### 1.3. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2593                   | 99            | 26           | 0.1       | RMS      | 4.49      | 4.81                | 5                 | Pass    |



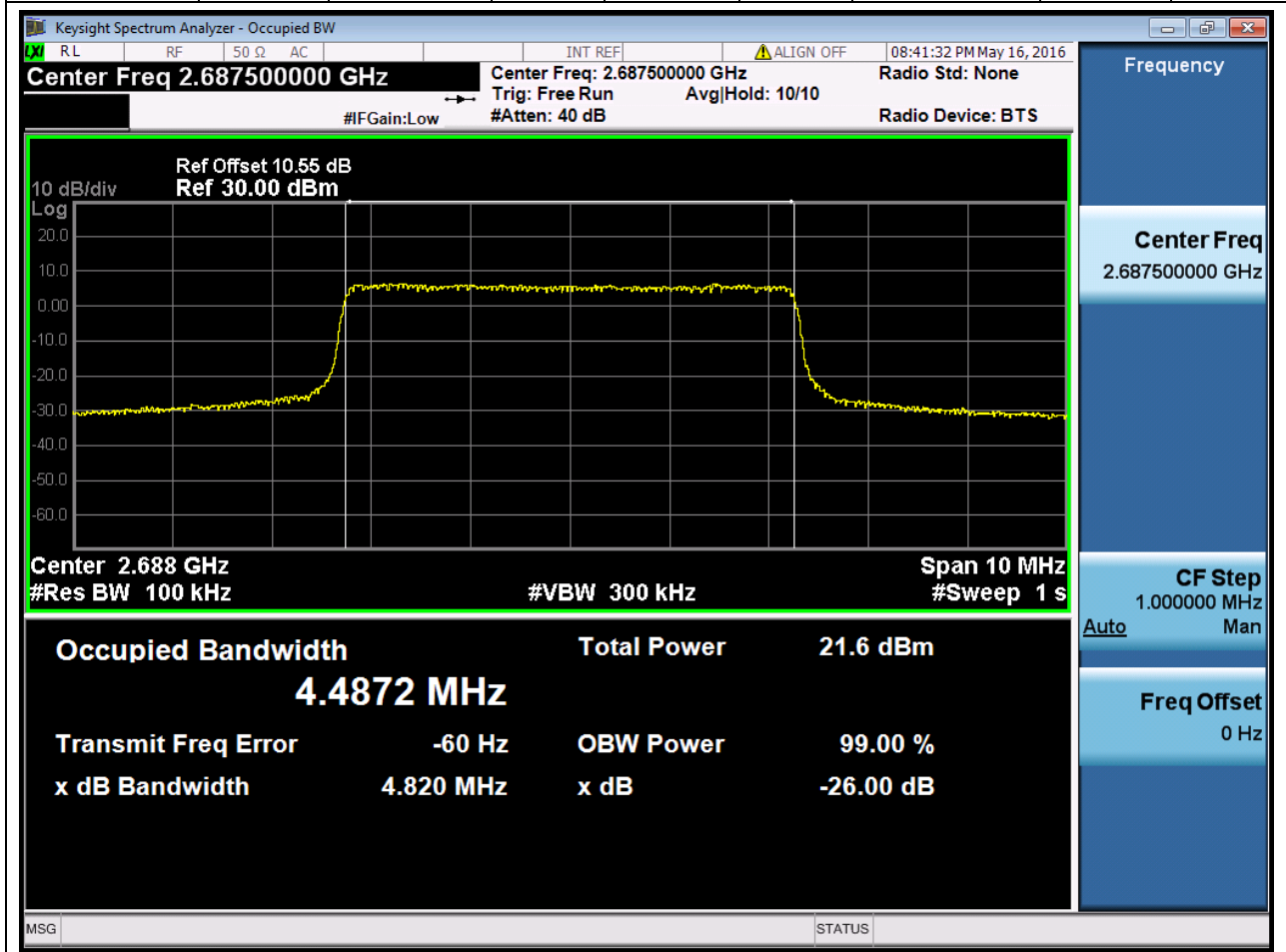
**1.4. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:4, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2593                   | 99            | 26           | 0.1       | RMS      | 4.48      | 4.82                | 5                 | Pass    |



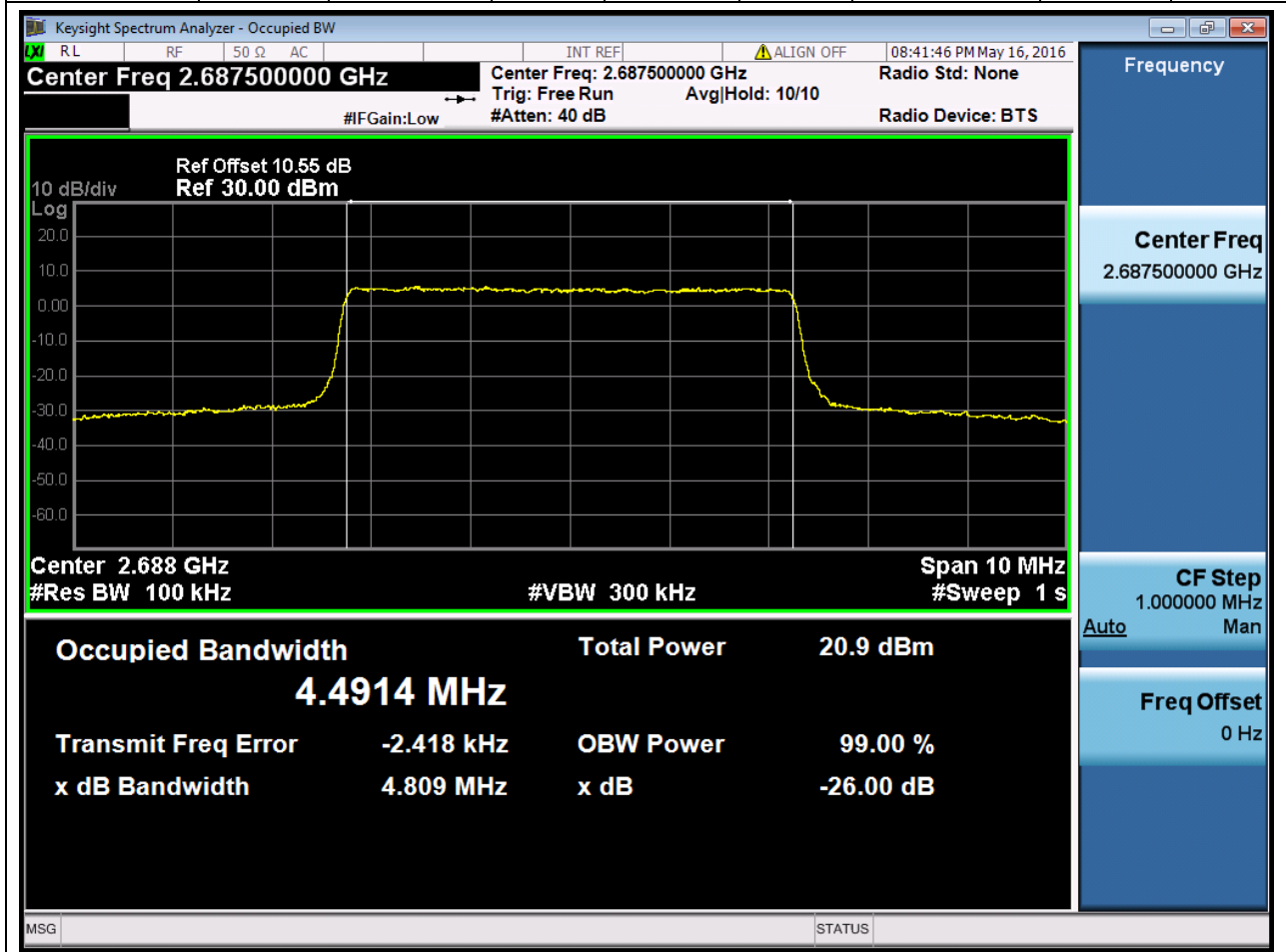
### 1.5. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:5, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2687.5                 | 99            | 26           | 0.1       | RMS      | 4.49      | 4.82                | 5                 | Pass    |



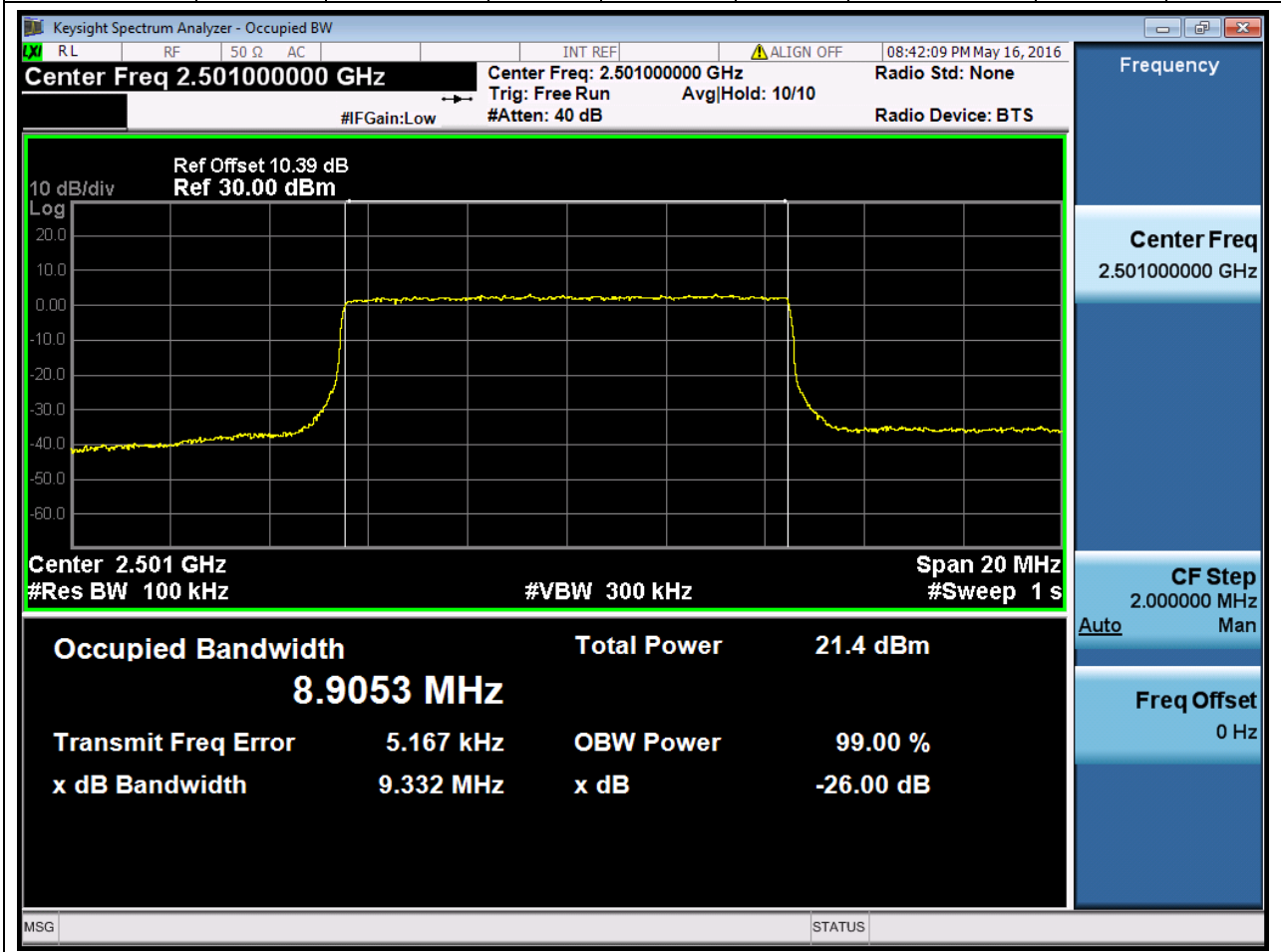
**1.6. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2687.5                 | 99            | 26           | 0.1       | RMS      | 4.49      | 4.81                | 5                 | Pass    |



**1.7. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

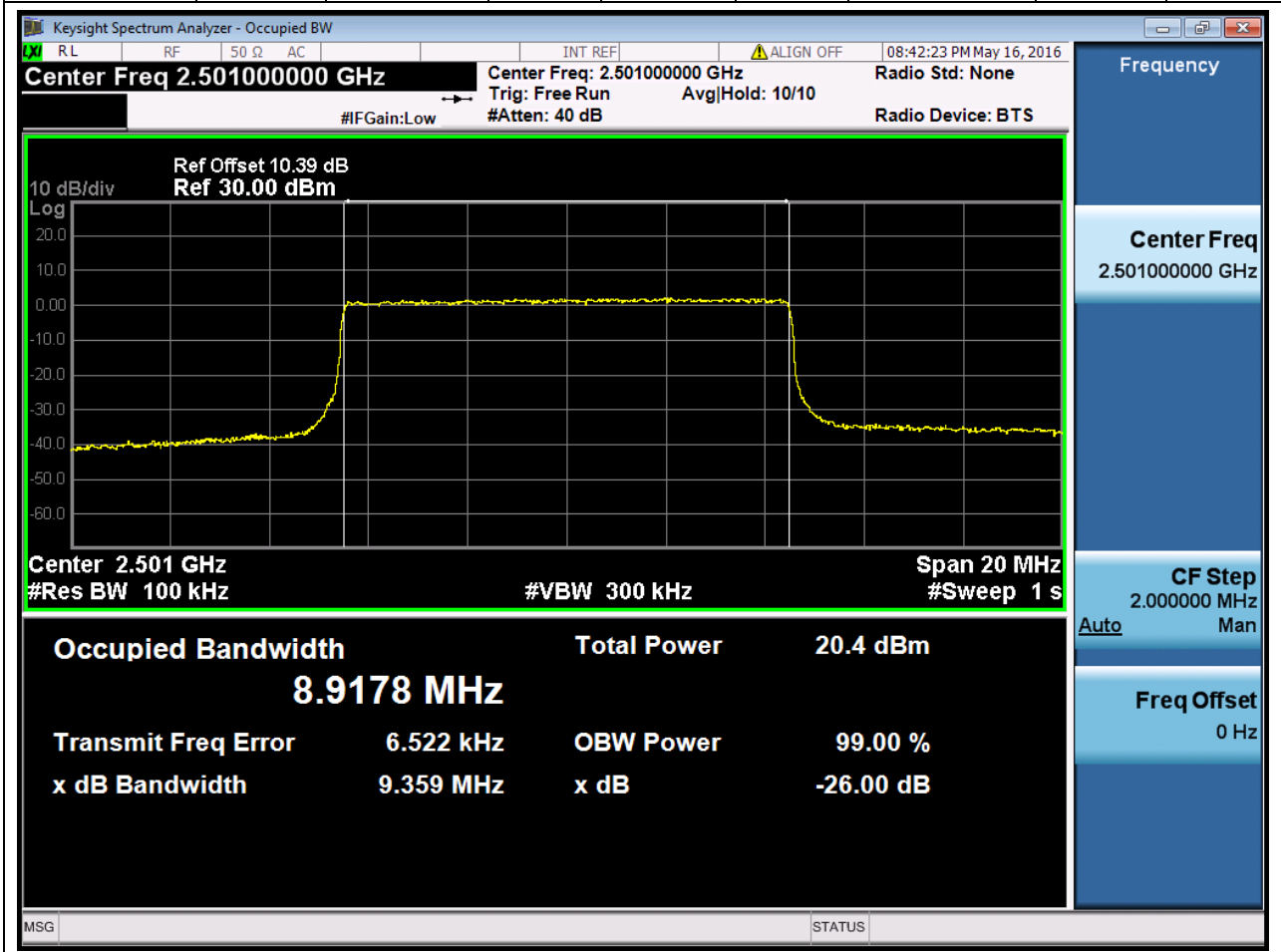
| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2501                   | 99            | 26           | 0.1       | RMS      | 8.91      | 9.33                | 10                | Pass    |





**1.8. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:8, Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2501                   | 99            | 26           | 0.1       | RMS      | 8.92      | 9.36                | 10                | Pass    |



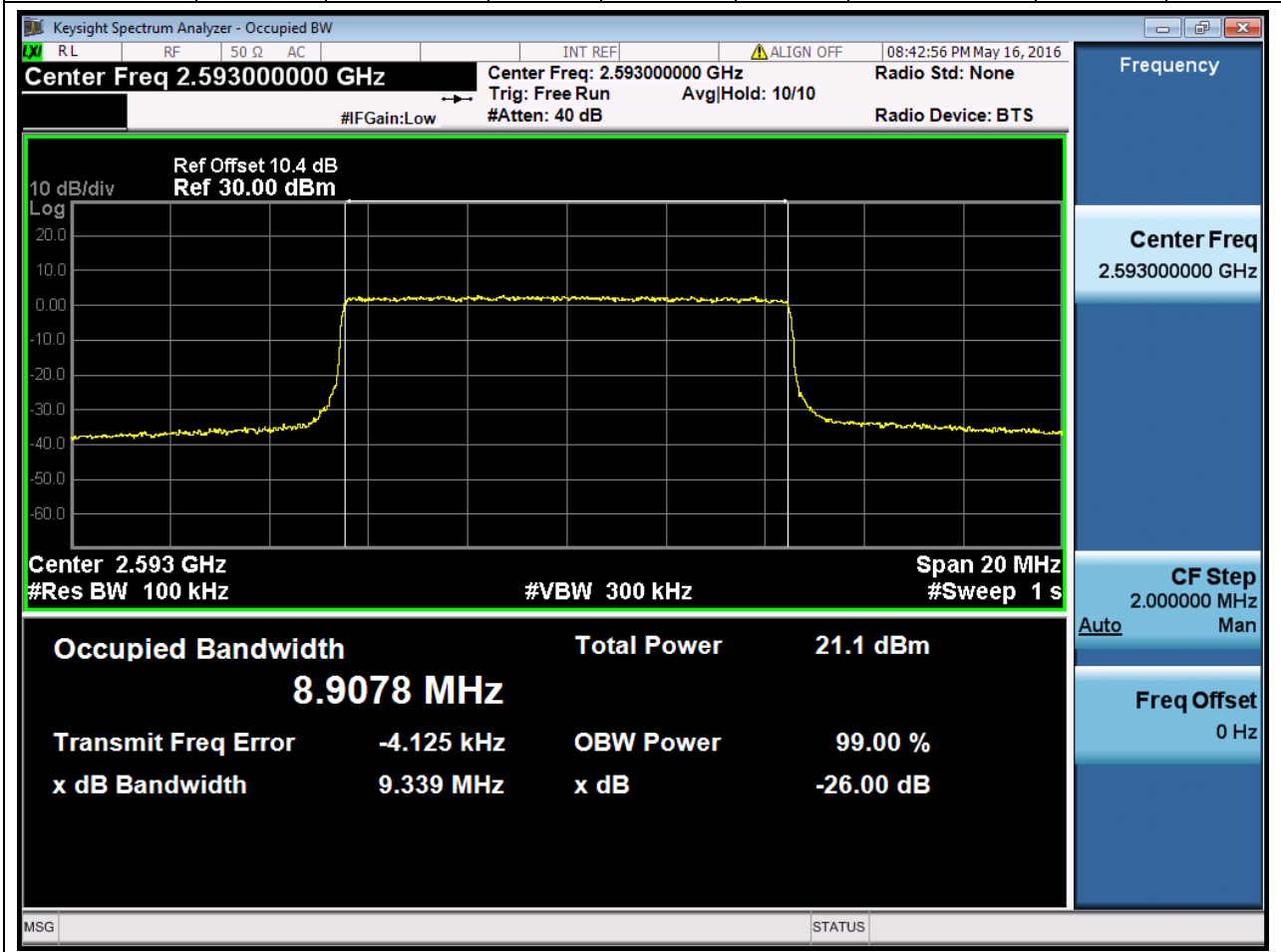
**1.9. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:9, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2593                   | 99            | 26           | 0.1       | RMS      | 8.91      | 9.34                | 10                | Pass    |



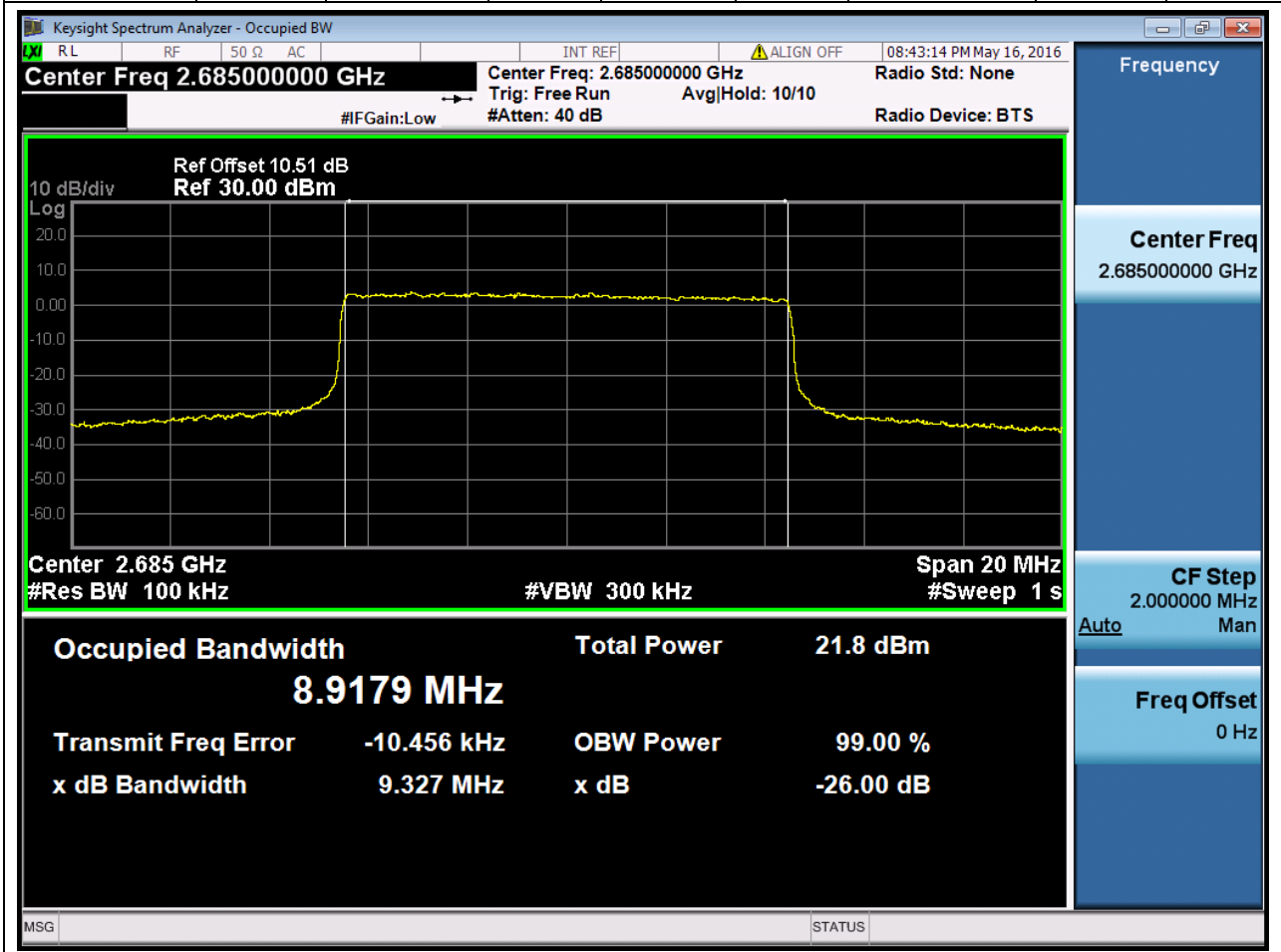
**1.10. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:10, Channel:40620, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2593                   | 99            | 26           | 0.1       | RMS      | 8.91      | 9.34                | 10                | Pass    |



**1.11. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:11, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

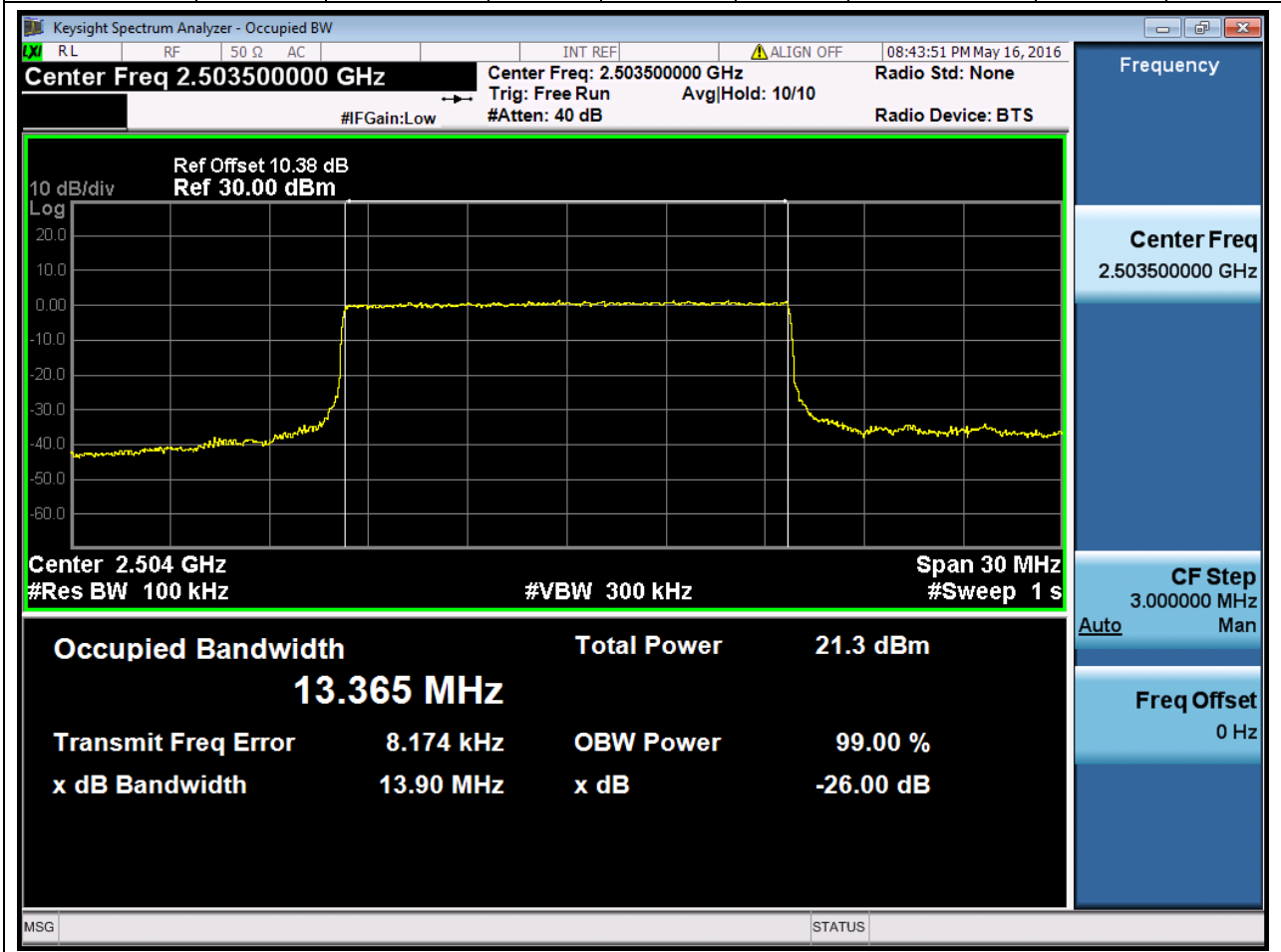
| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2685                   | 99            | 26           | 0.1       | RMS      | 8.92      | 9.33                | 10                | Pass    |





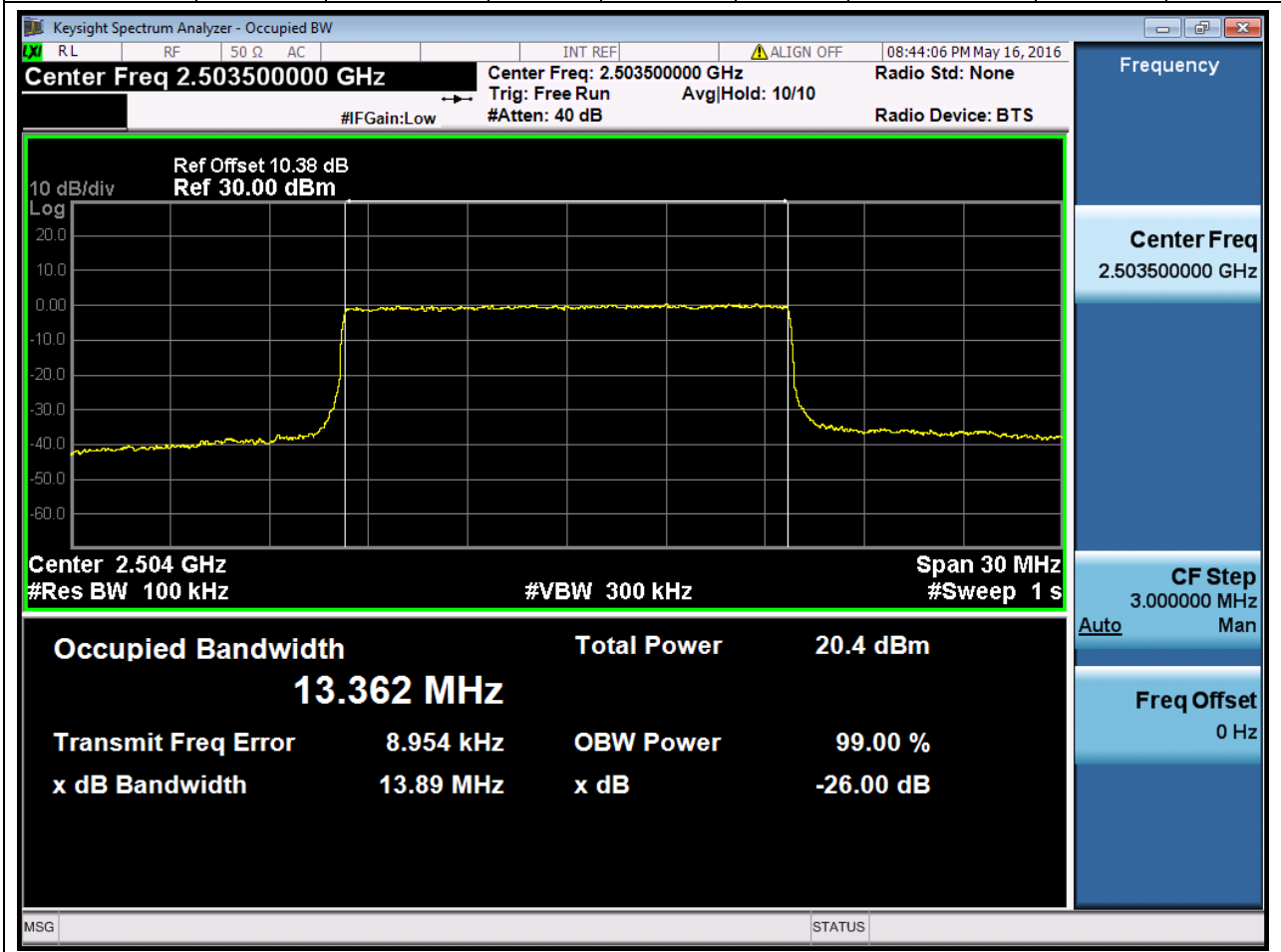
**1.13. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:13, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2503.5                 | 99            | 26           | 0.1       | RMS      | 13.37     | 13.9                | 15                | Pass    |



**1.14. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:14, Channel:39725, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2503.5                 | 99            | 26           | 0.1       | RMS      | 13.36     | 13.89               | 15                | Pass    |

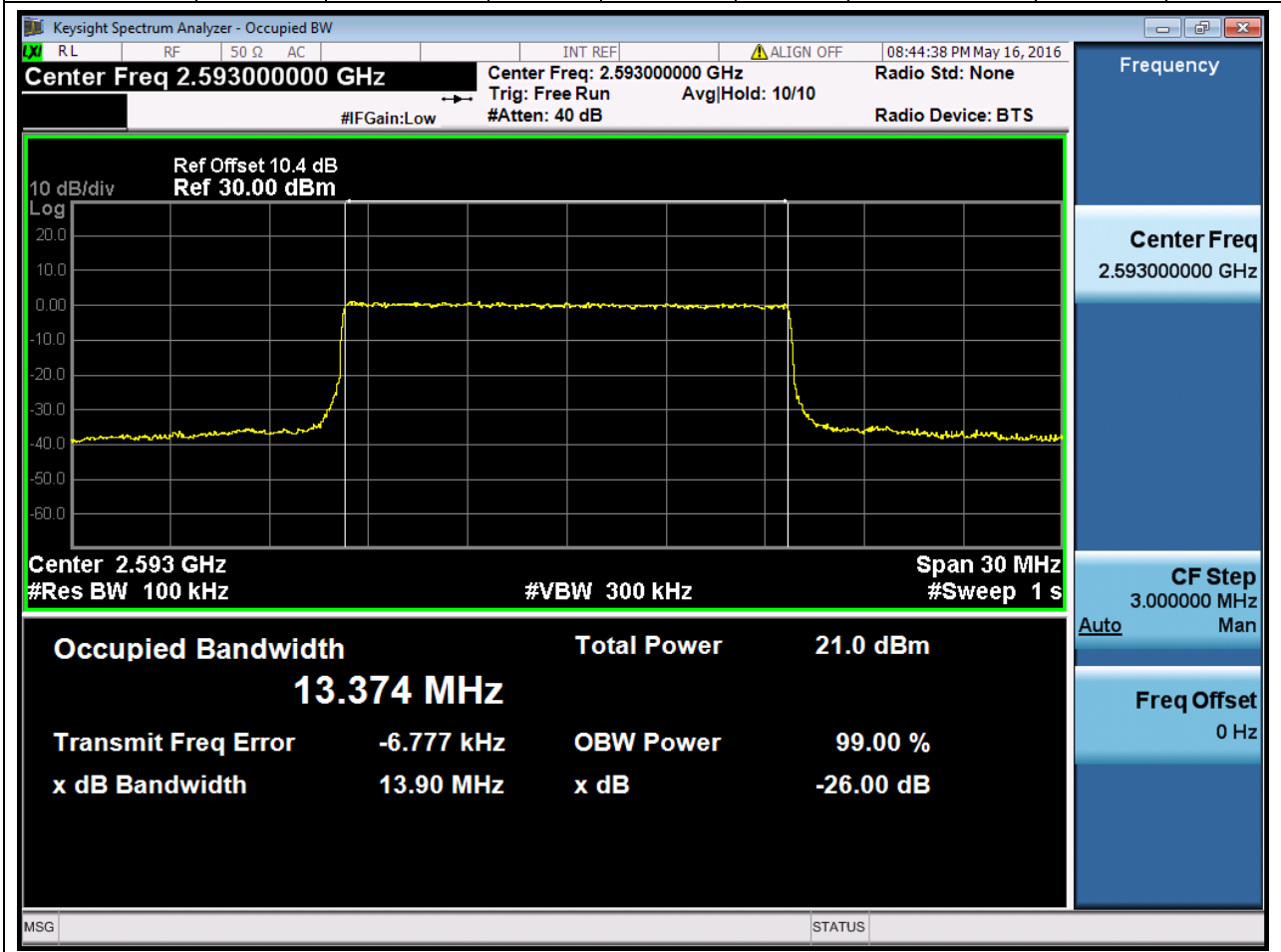






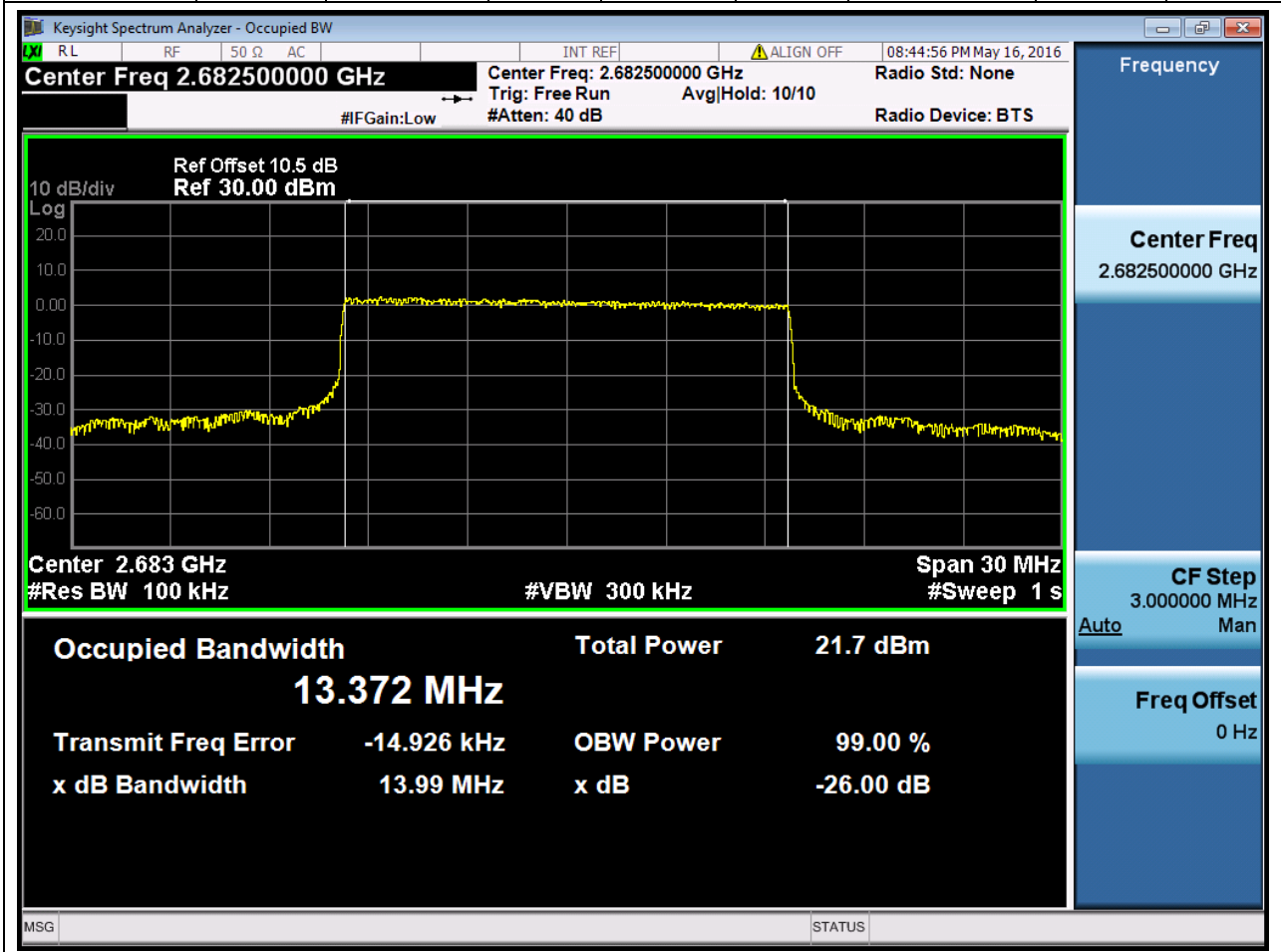
**1.16. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:16, Channel:40620, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2593                   | 99            | 26           | 0.1       | RMS      | 13.37     | 13.9                | 15                | Pass    |



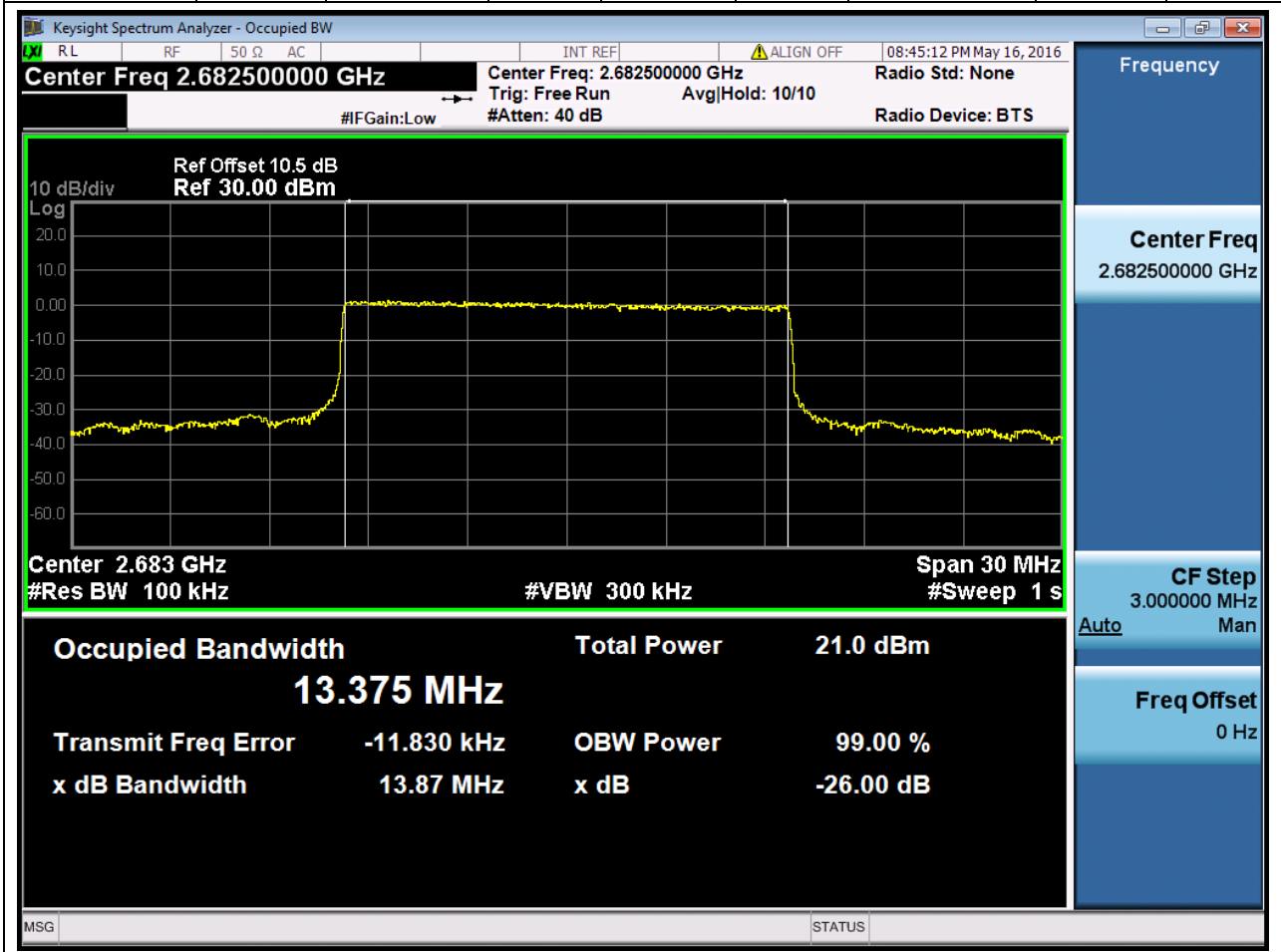
**1.17. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:17, Channel:41515, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2682.5                 | 99            | 26           | 0.1       | RMS      | 13.37     | 13.99               | 15                | Pass    |



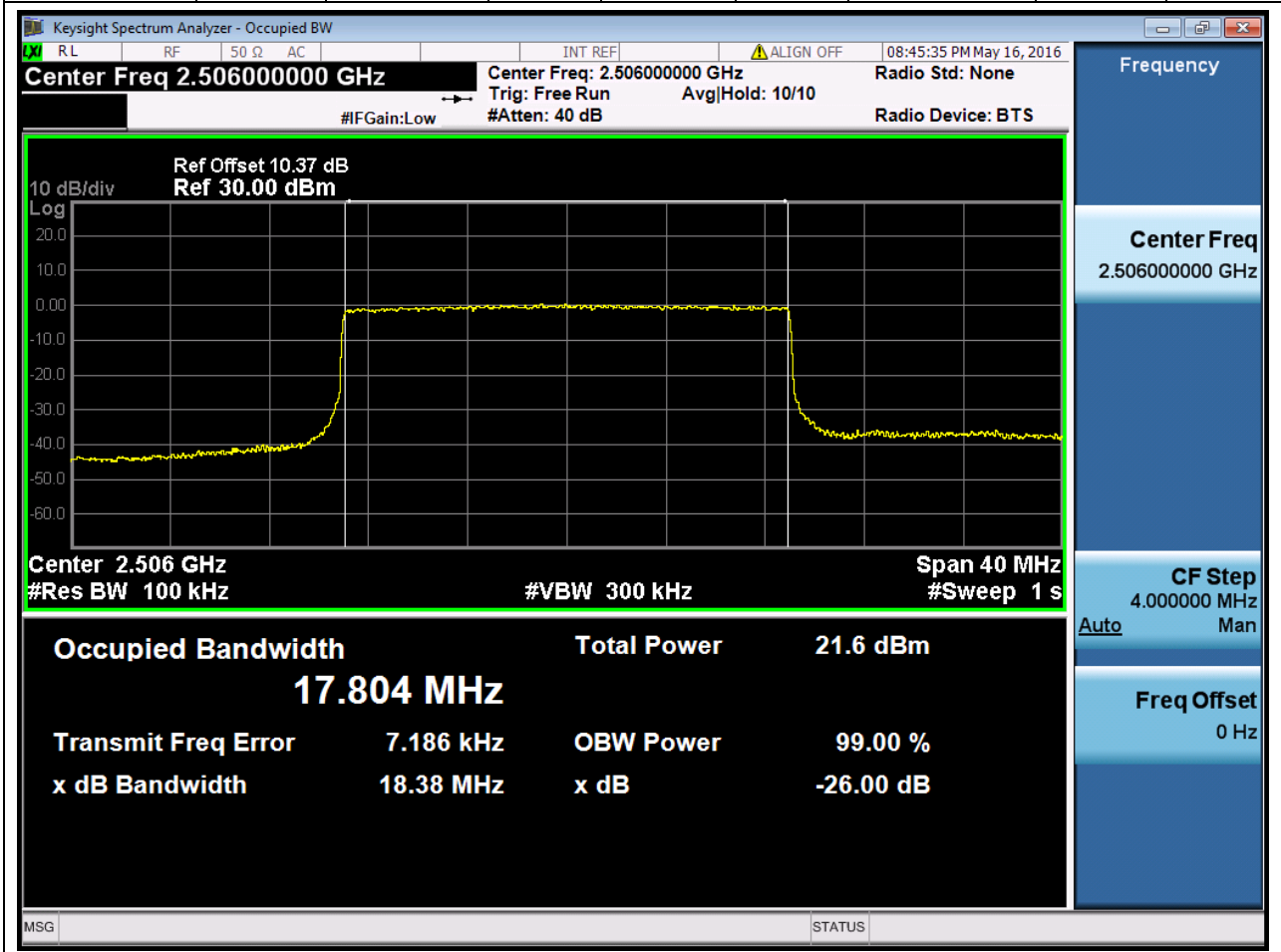
**1.18. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:18, Channel:41515, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2682.5                 | 99            | 26           | 0.1       | RMS      | 13.37     | 13.87               | 15                | Pass    |



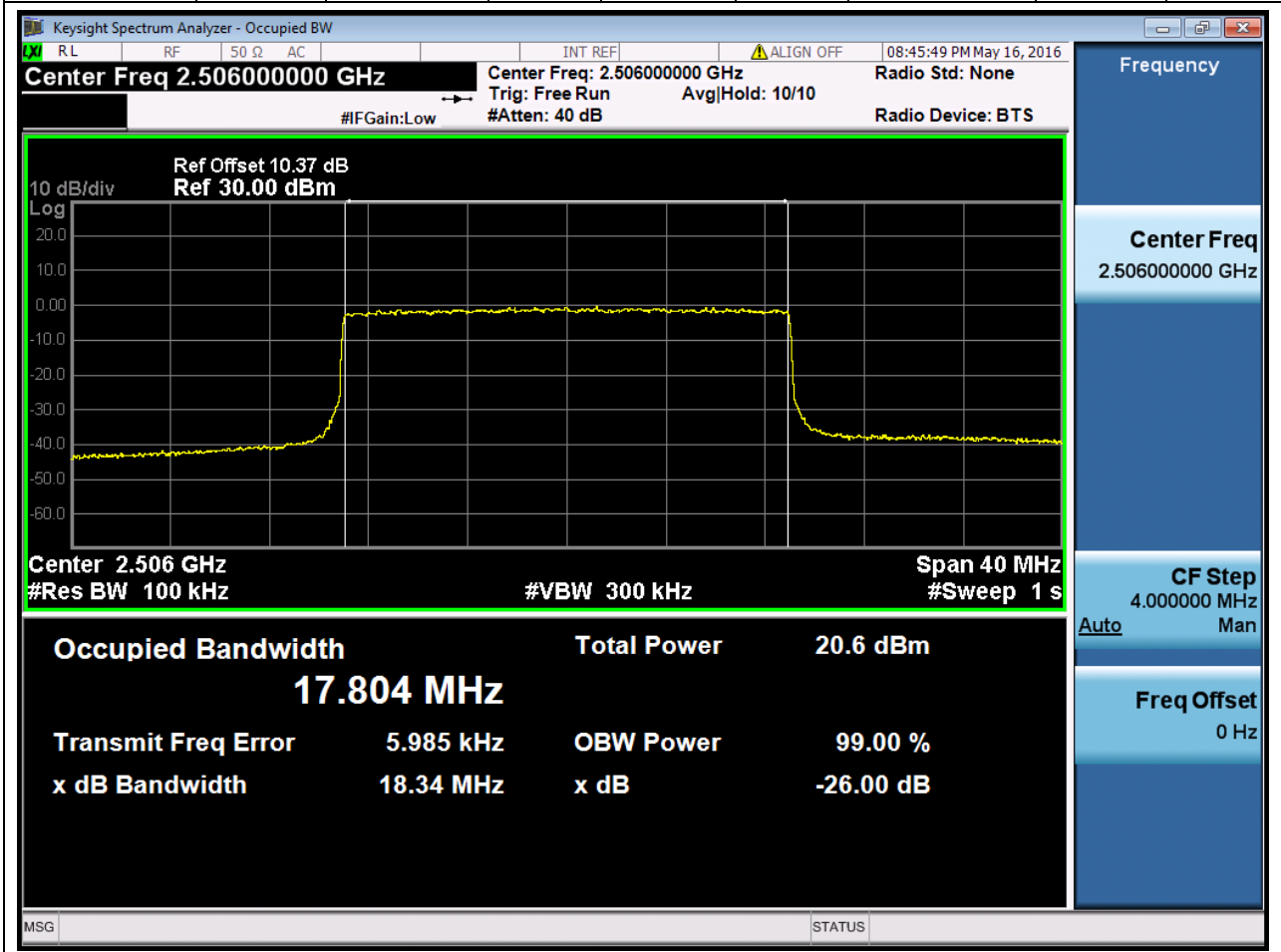
**1.19. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:19, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2506                   | 99            | 26           | 0.1       | RMS      | 17.8      | 18.38               | 20                | Pass    |



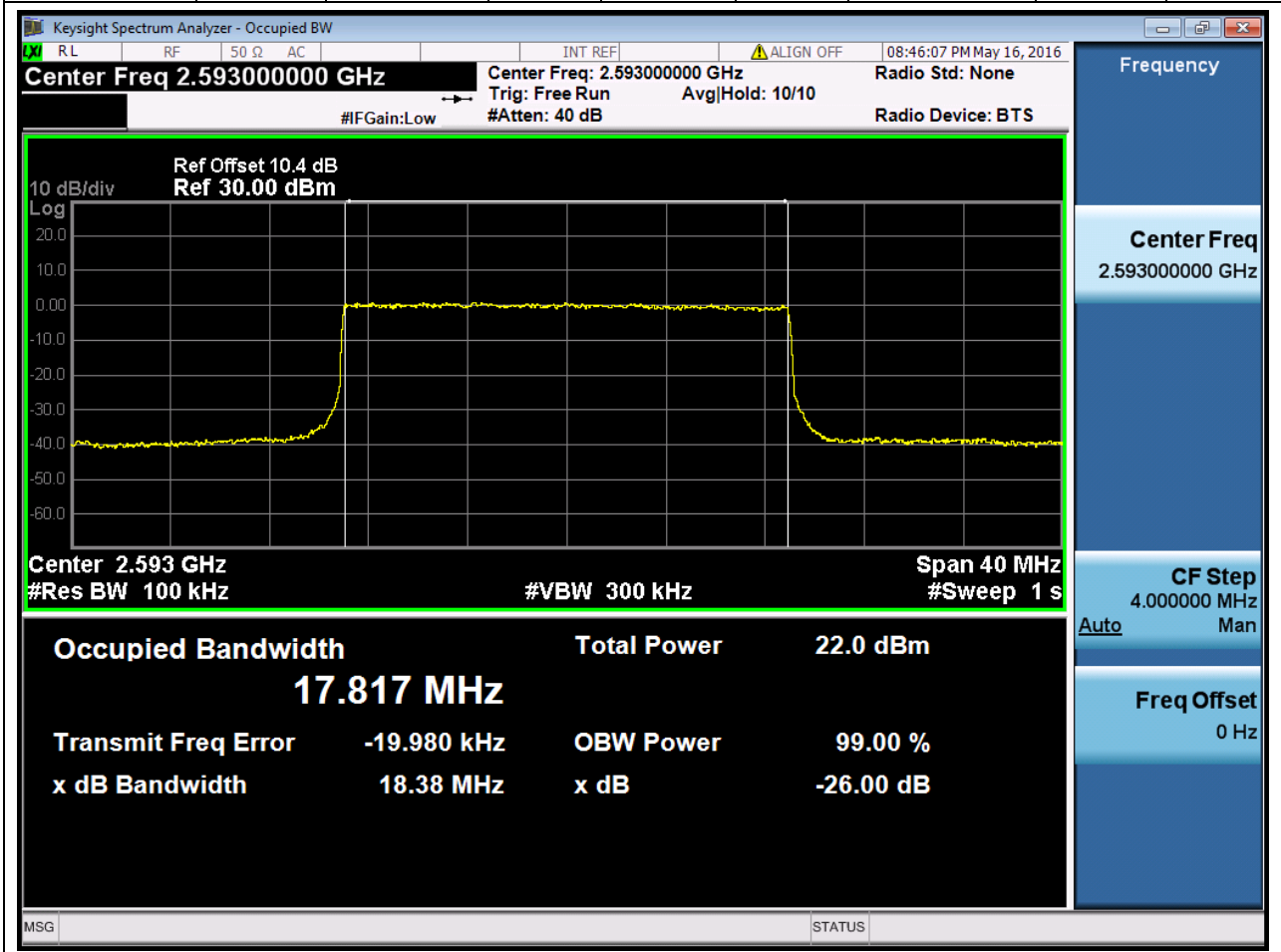
**1.20. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:20, Channel:39750, Bandwidth:20, Modulation:16QAM, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2506                   | 99            | 26           | 0.1       | RMS      | 17.8      | 18.34               | 20                | Pass    |



**1.21. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:21, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

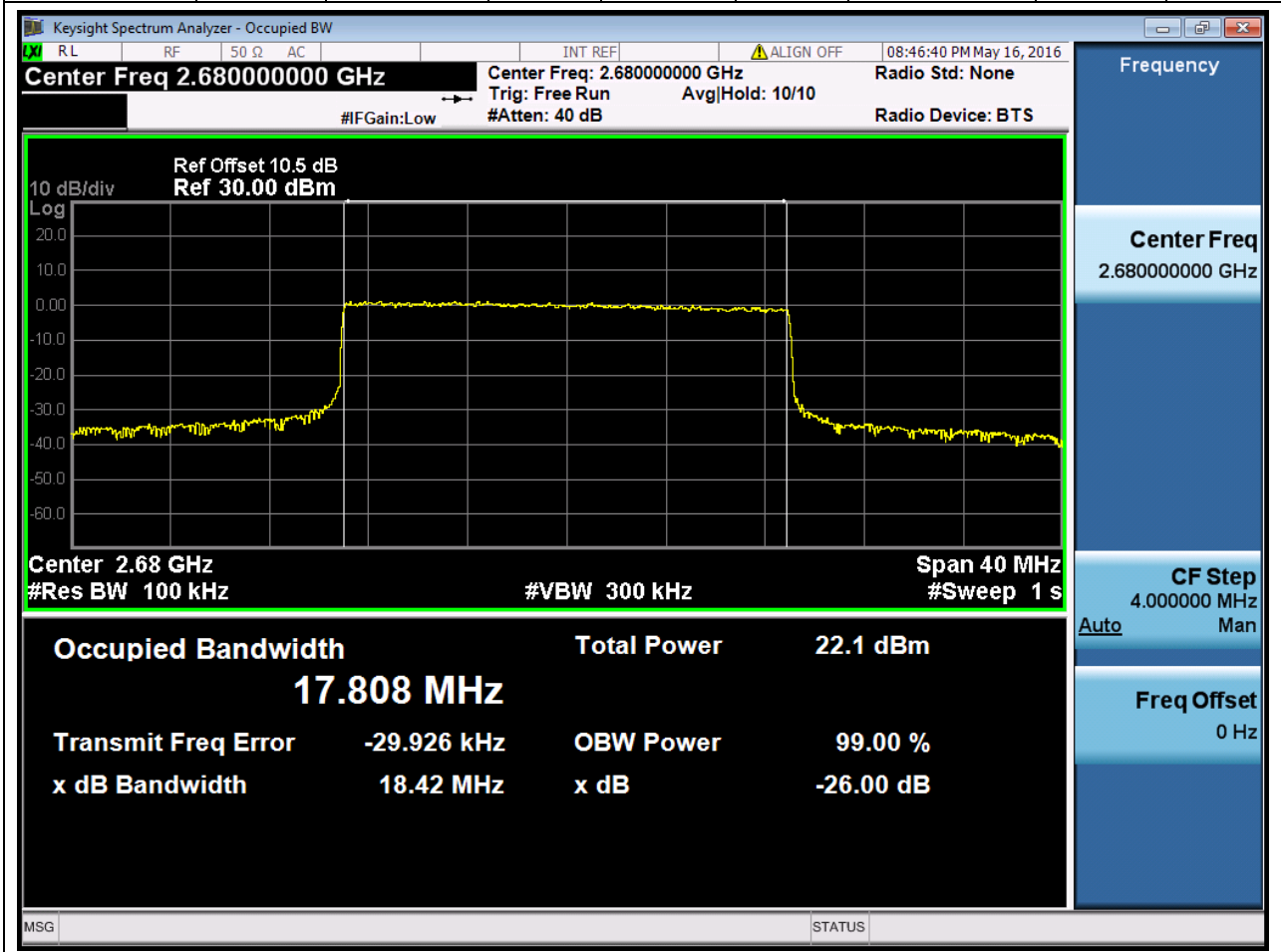
| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2593                   | 99            | 26           | 0.1       | RMS      | 17.82     | 18.38               | 20                | Pass    |





**1.23. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:23, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2680                   | 99            | 26           | 0.1       | RMS      | 17.81     | 18.42               | 20                | Pass    |







END