

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

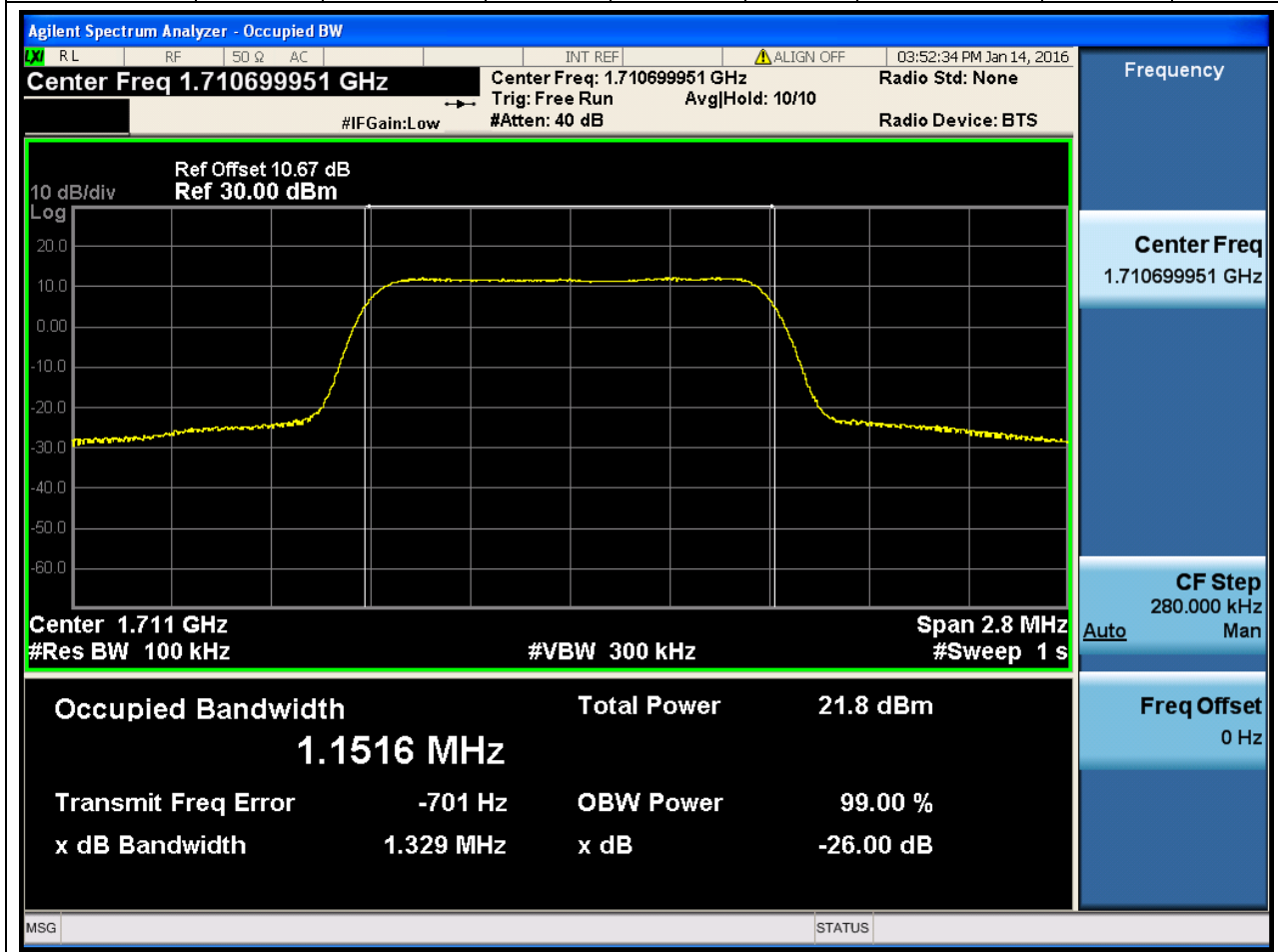
## 1. LTE\_Band4

**1.1. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
|                        |               |              |           |          | NaN       | NaN                 | NaN               |         |

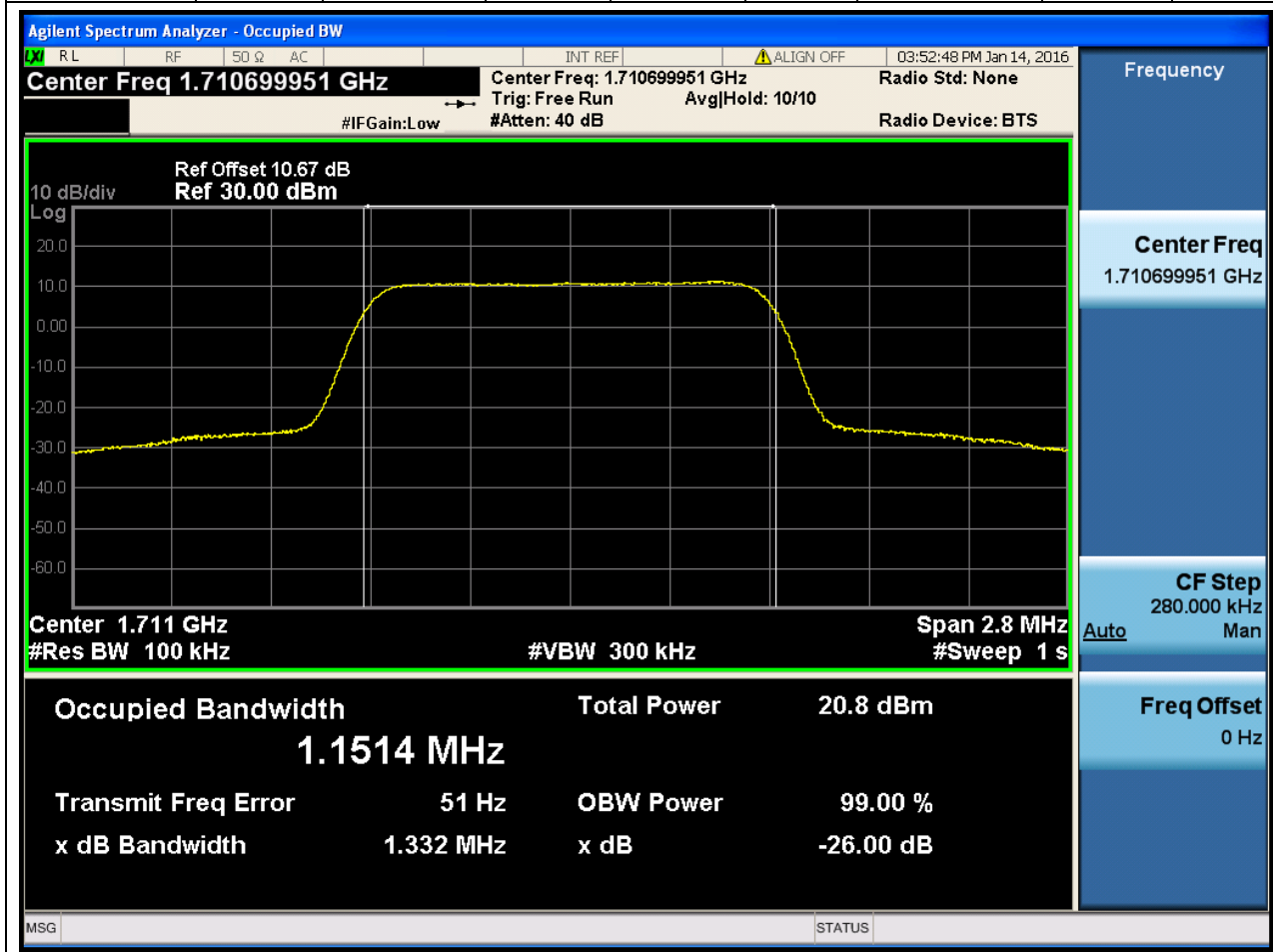
## 1.2. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1710.7                 | 99            | 26           | 100000    | RMS      | 1.15      | 1.33                | 1.4               | Pass    |

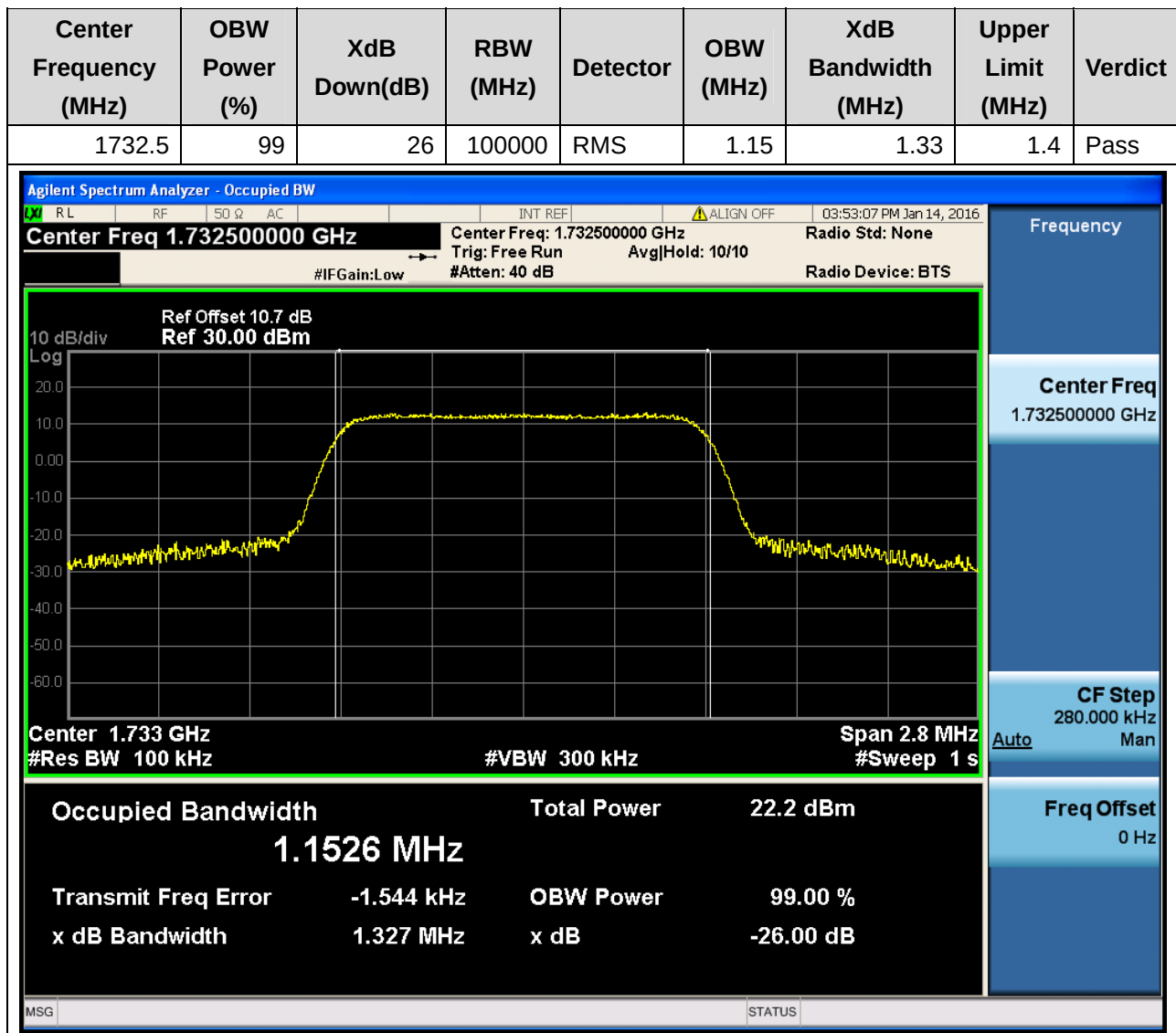


### 1.3. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

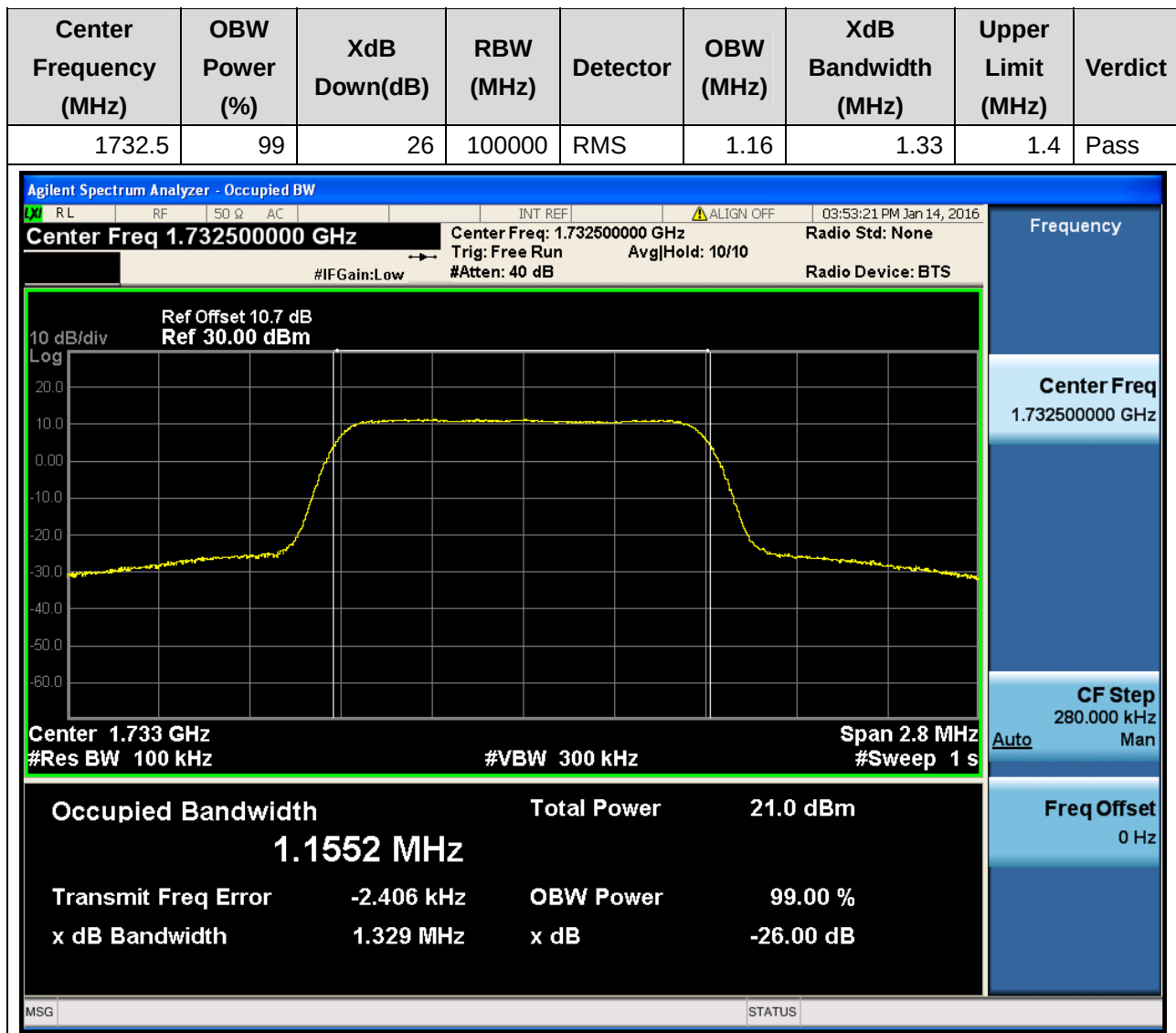
| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1710.7                 | 99            | 26           | 100000    | RMS      | 1.15      | 1.33                | 1.4               | Pass    |



**1.4. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

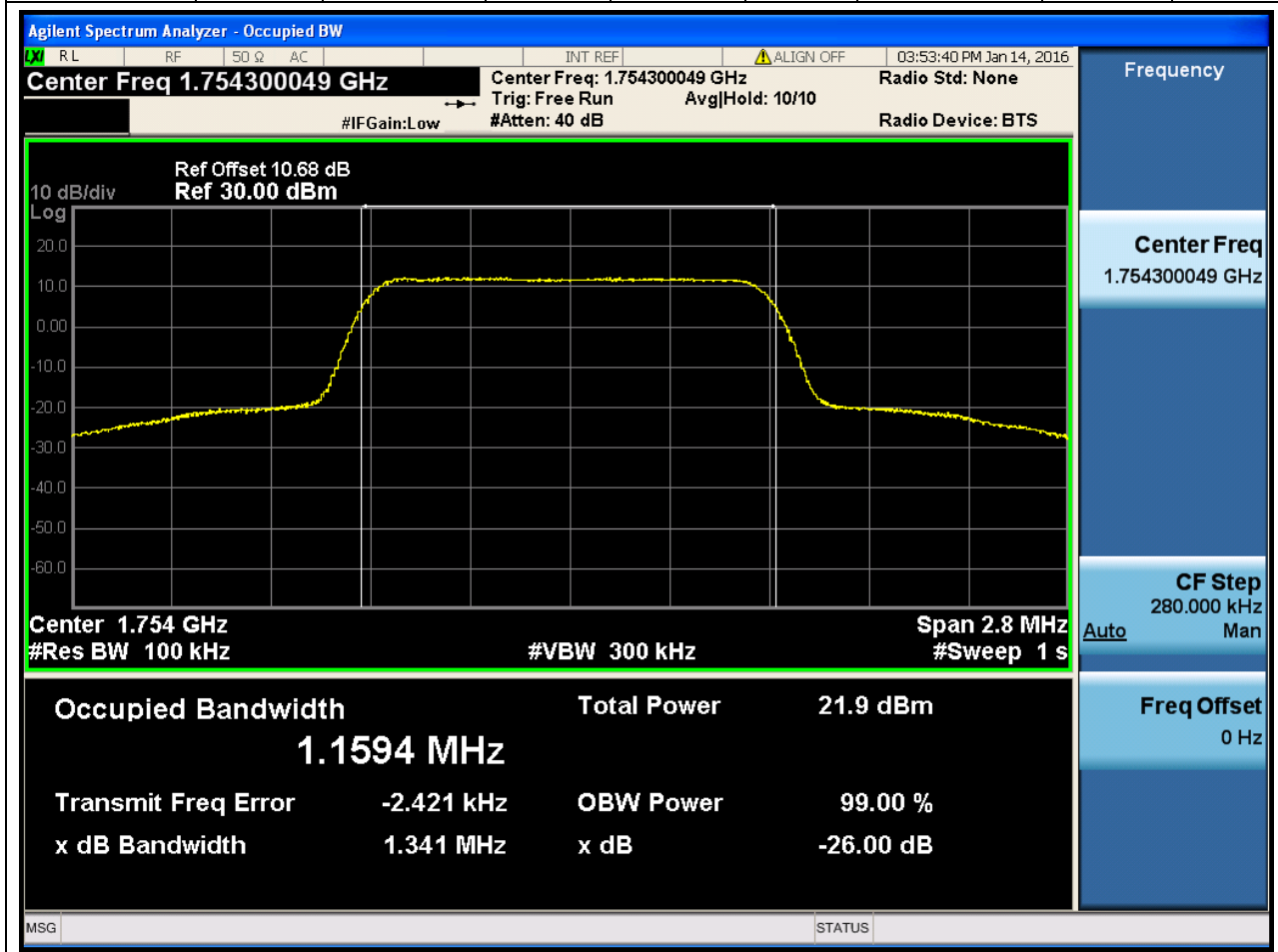


**1.5. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**



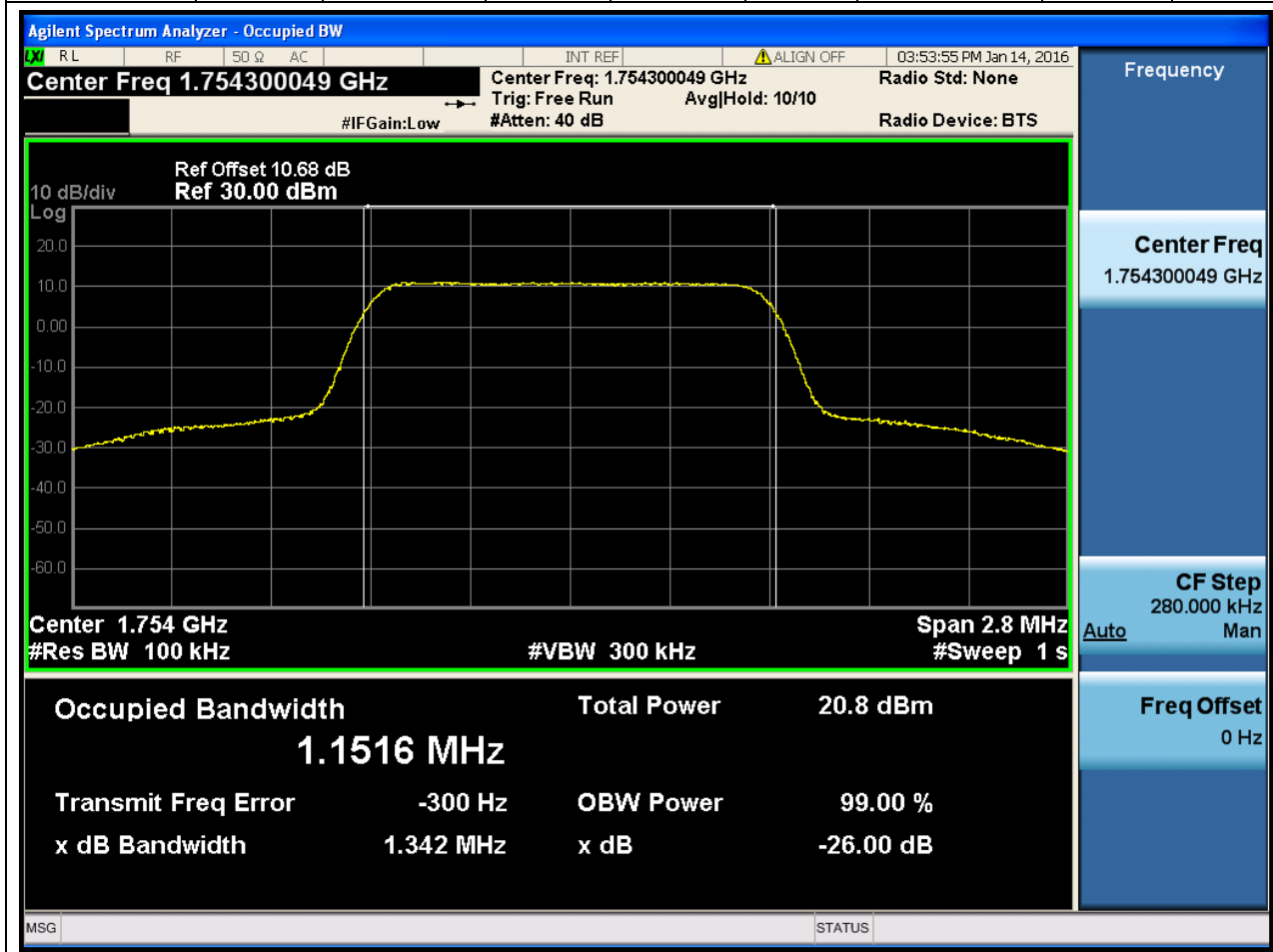
**1.6. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1754.3                 | 99            | 26           | 100000    | RMS      | 1.16      | 1.34                | 1.4               | Pass    |



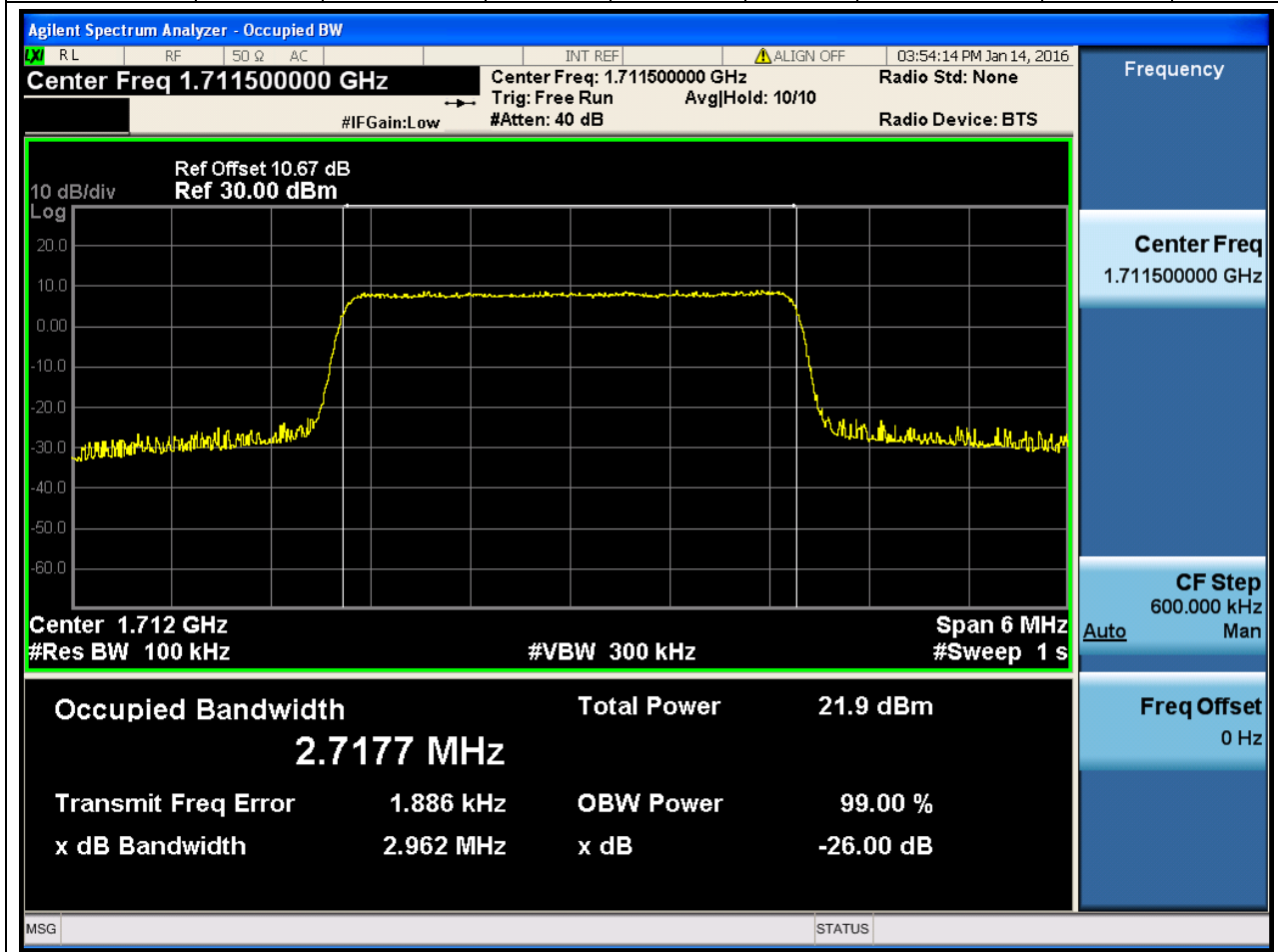
**1.7. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1754.3                 | 99            | 26           | 100000    | RMS      | 1.15      | 1.34                | 1.4               | Pass    |



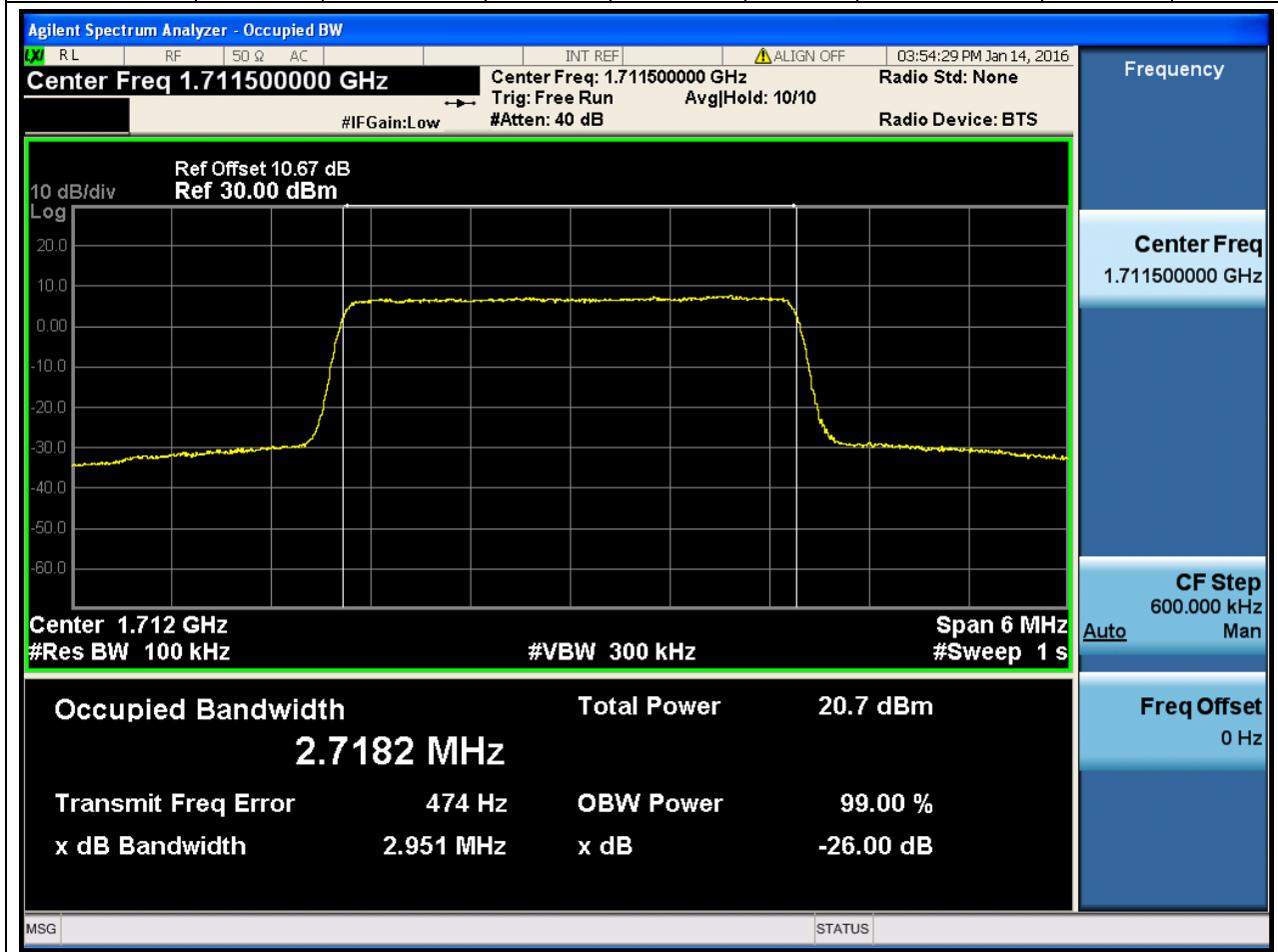
**1.8. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1711.5                 | 99            | 26           | 100000    | RMS      | 2.72      | 2.96                | 3                 | Pass    |



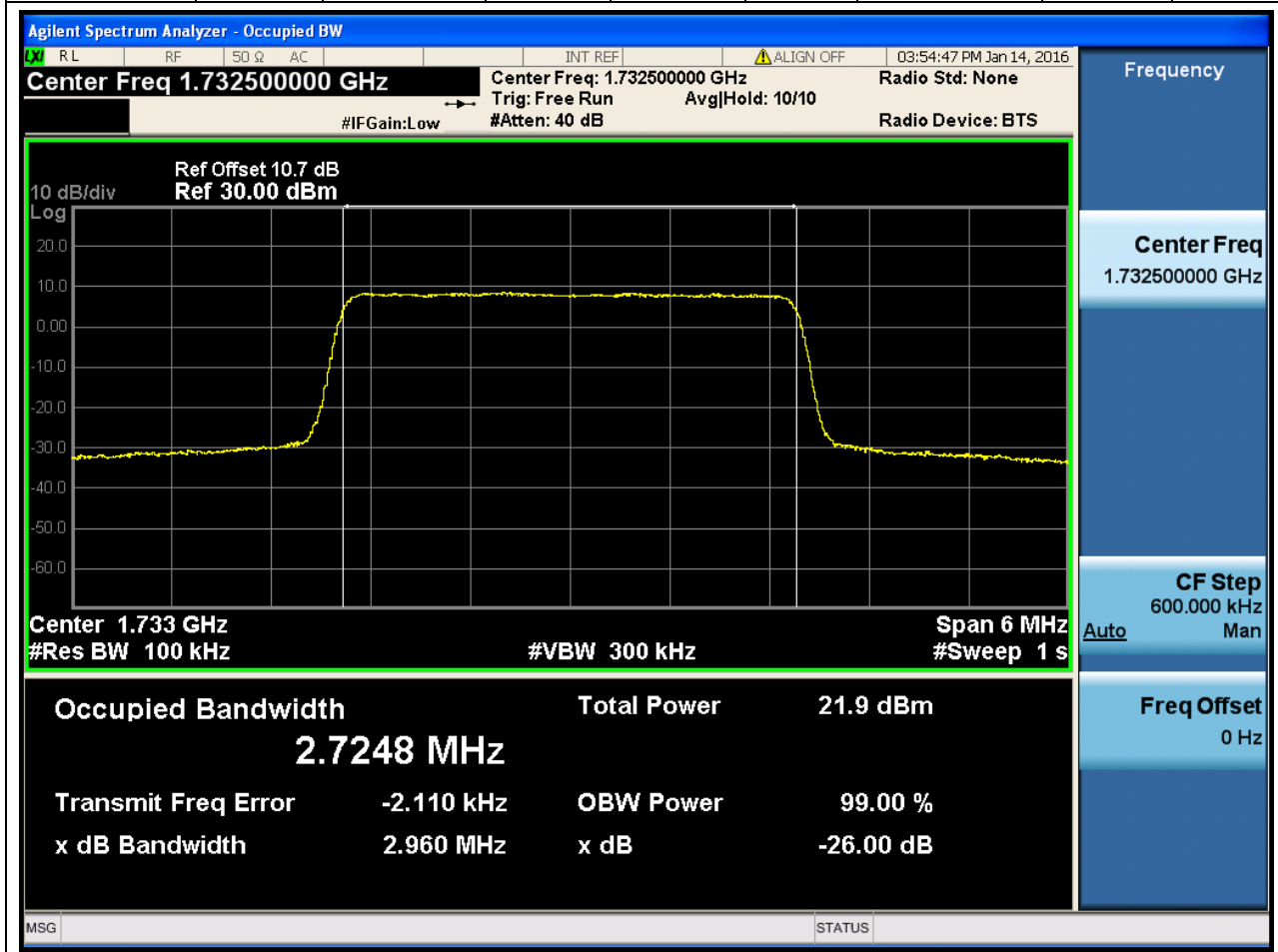
**1.9. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1711.5                 | 99            | 26           | 100000    | RMS      | 2.72      | 2.95                | 3                 | Pass    |



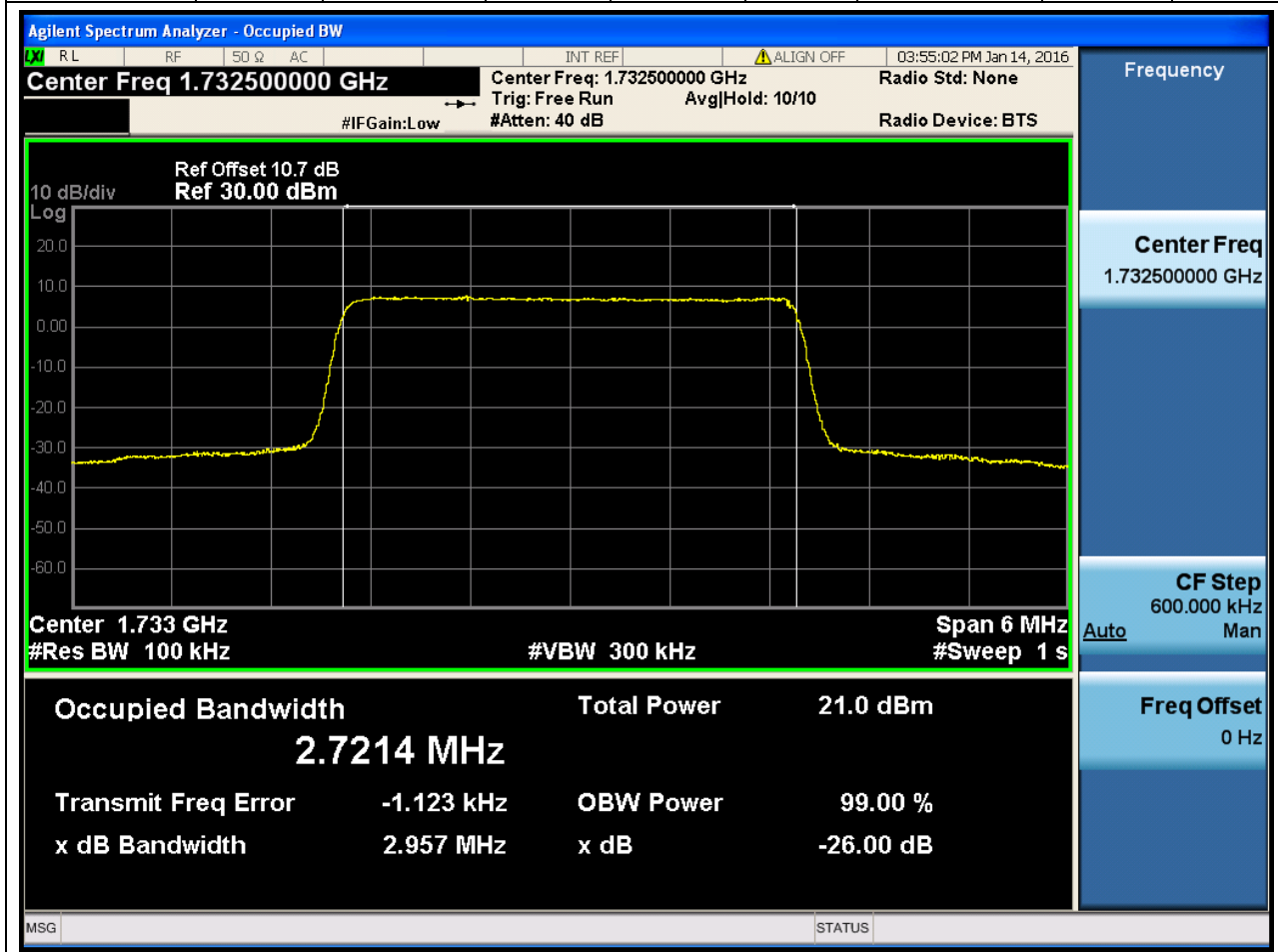
**1.10. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 2.72      | 2.96                | 3                 | Pass    |



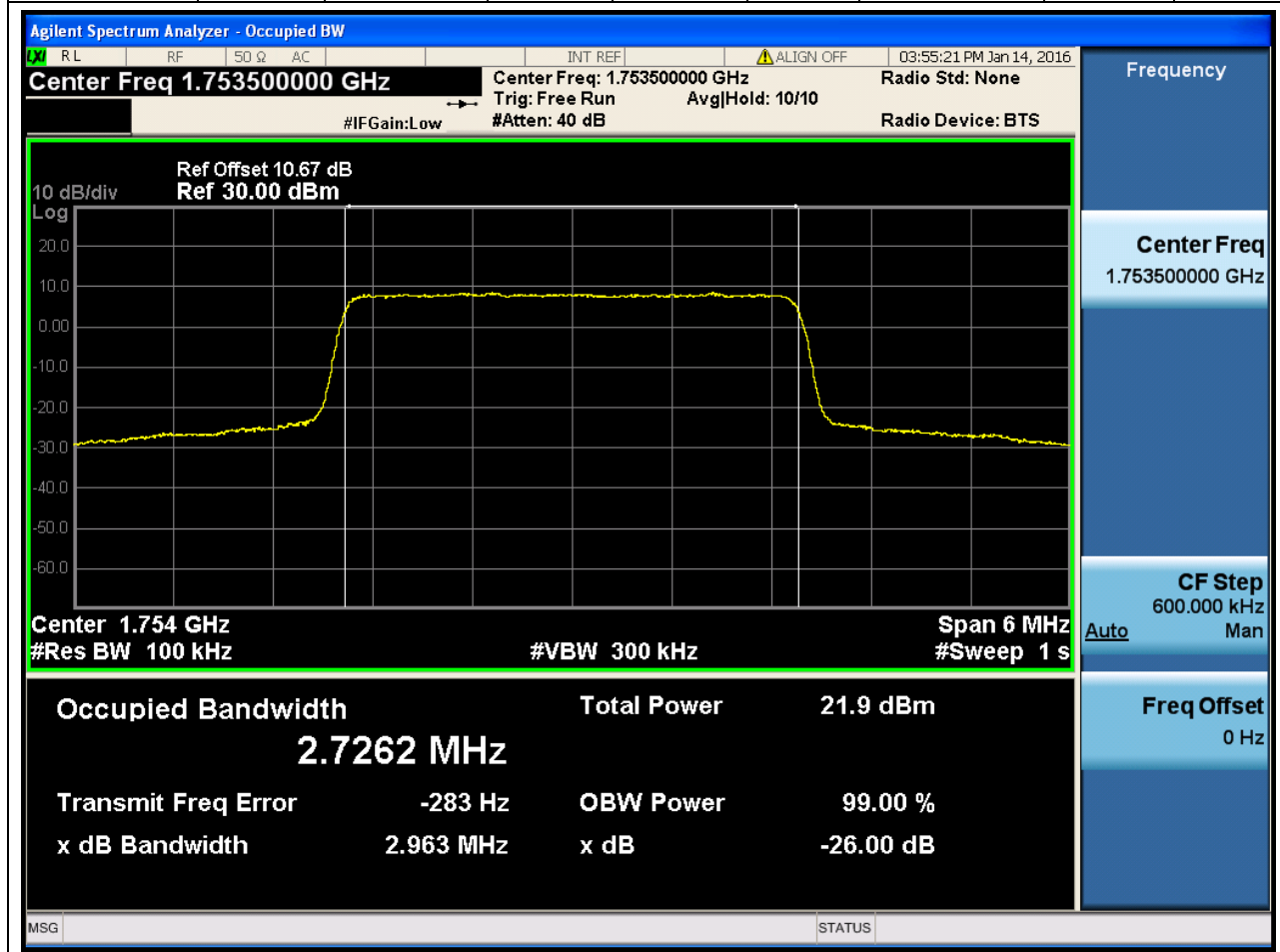
**1.11. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 2.72      | 2.96                | 3                 | Pass    |



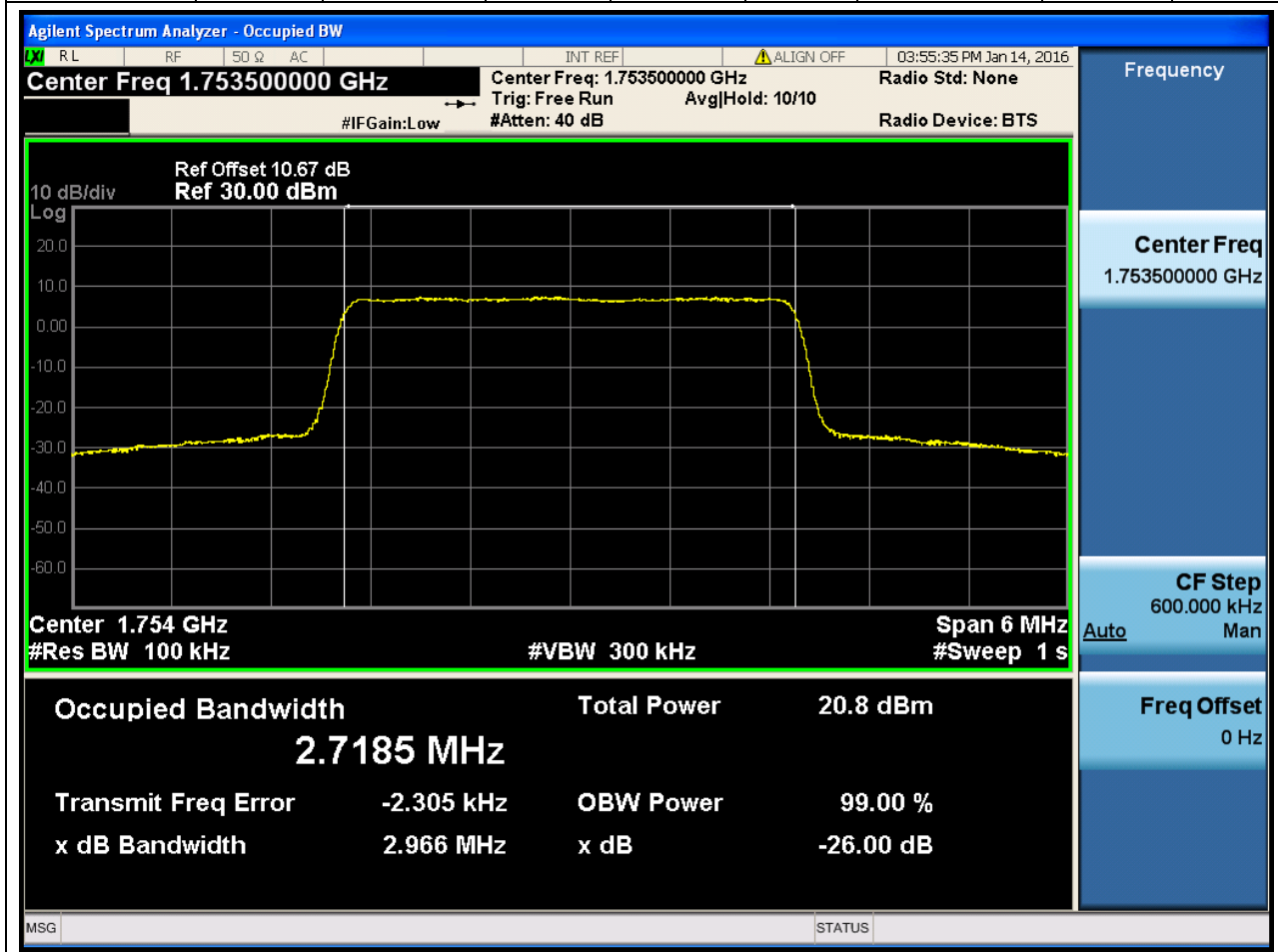
### 1.12. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1753.5                 | 99            | 26           | 100000    | RMS      | 2.73      | 2.96                | 3                 | Pass    |



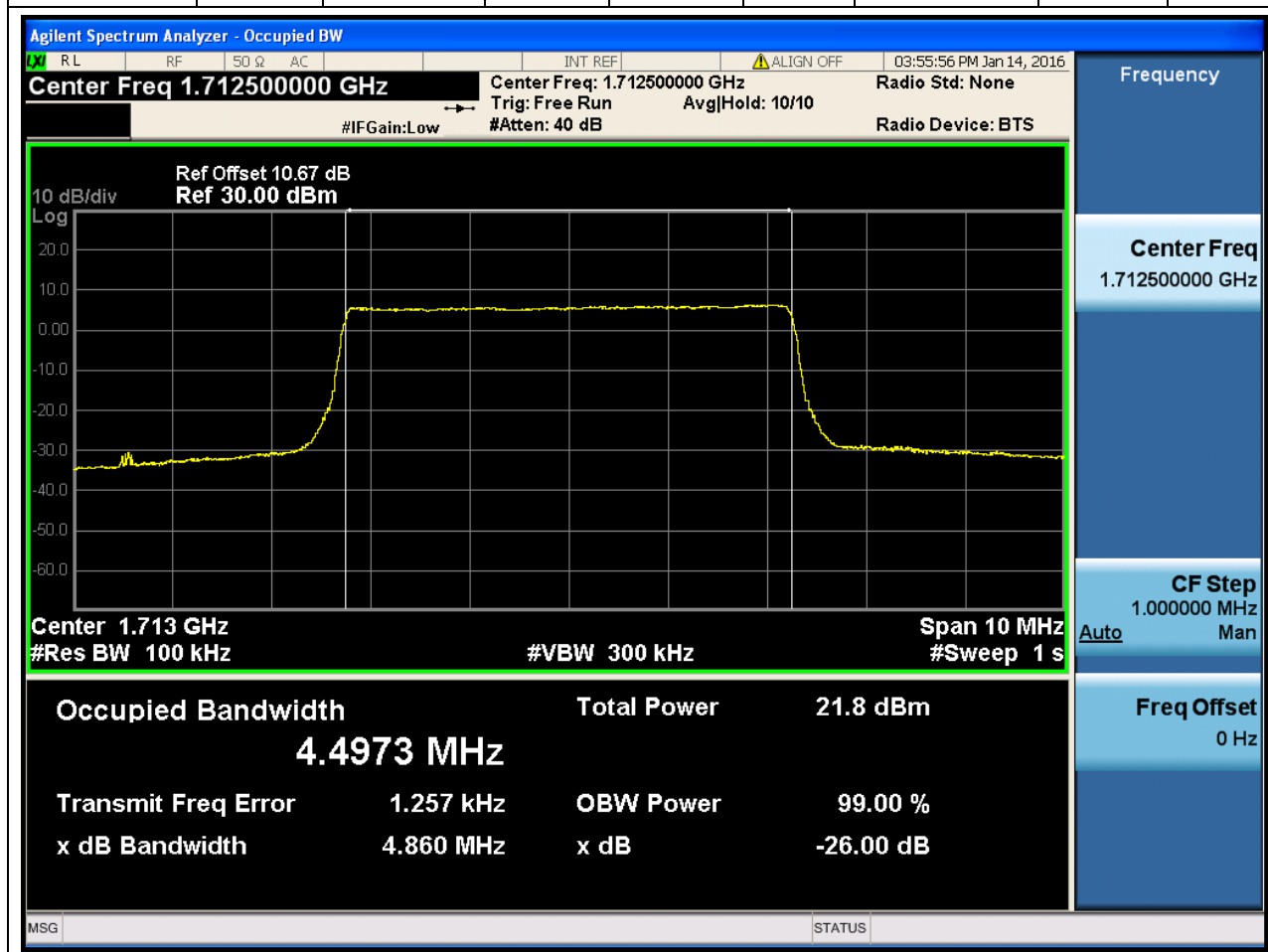
**1.13. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1753.5                 | 99            | 26           | 100000    | RMS      | 2.72      | 2.97                | 3                 | Pass    |



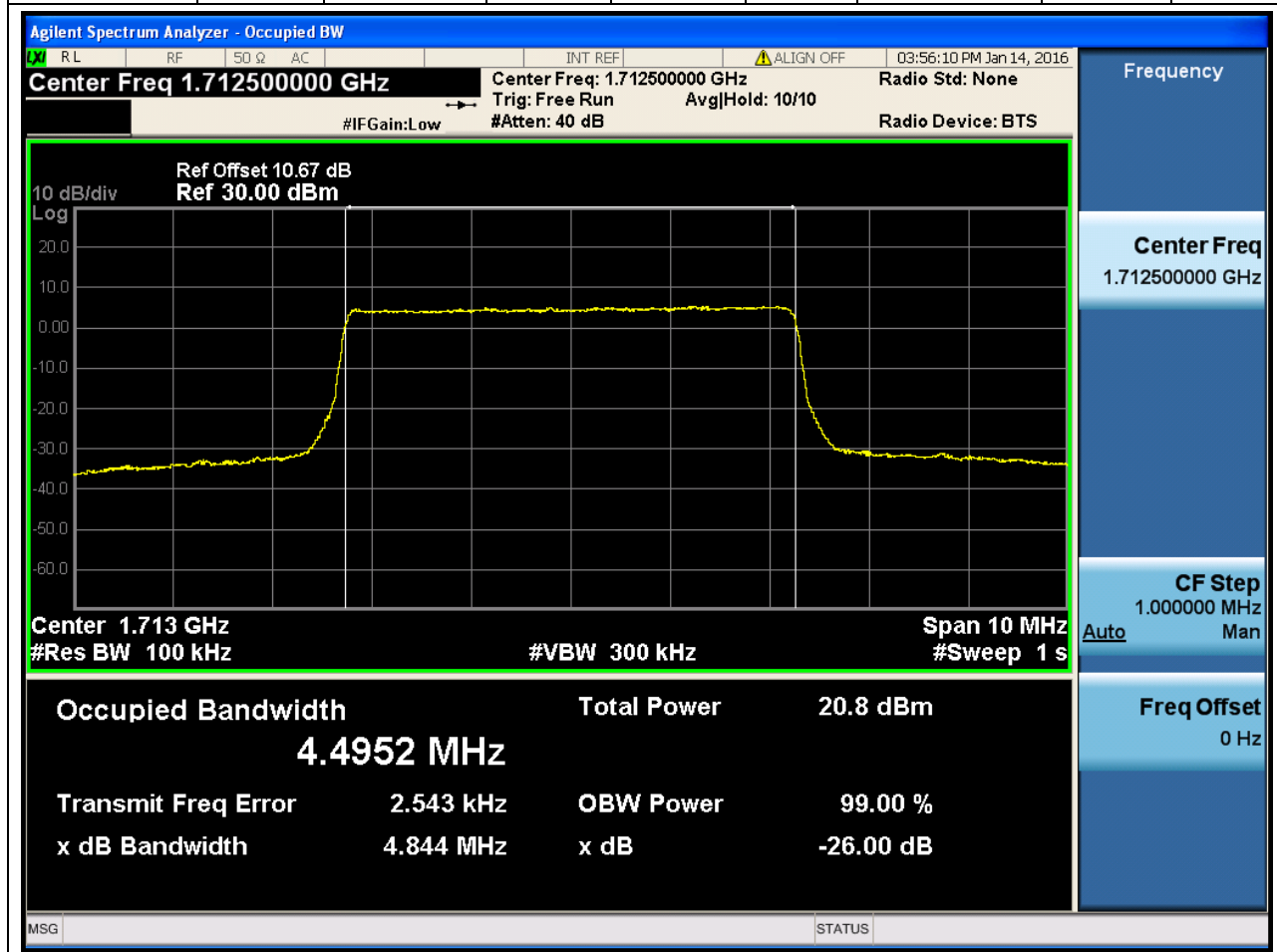
### 1.14. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5                 | 99            | 26           | 100000    | RMS      | 4.5       | 4.86                | 5                 | Pass    |



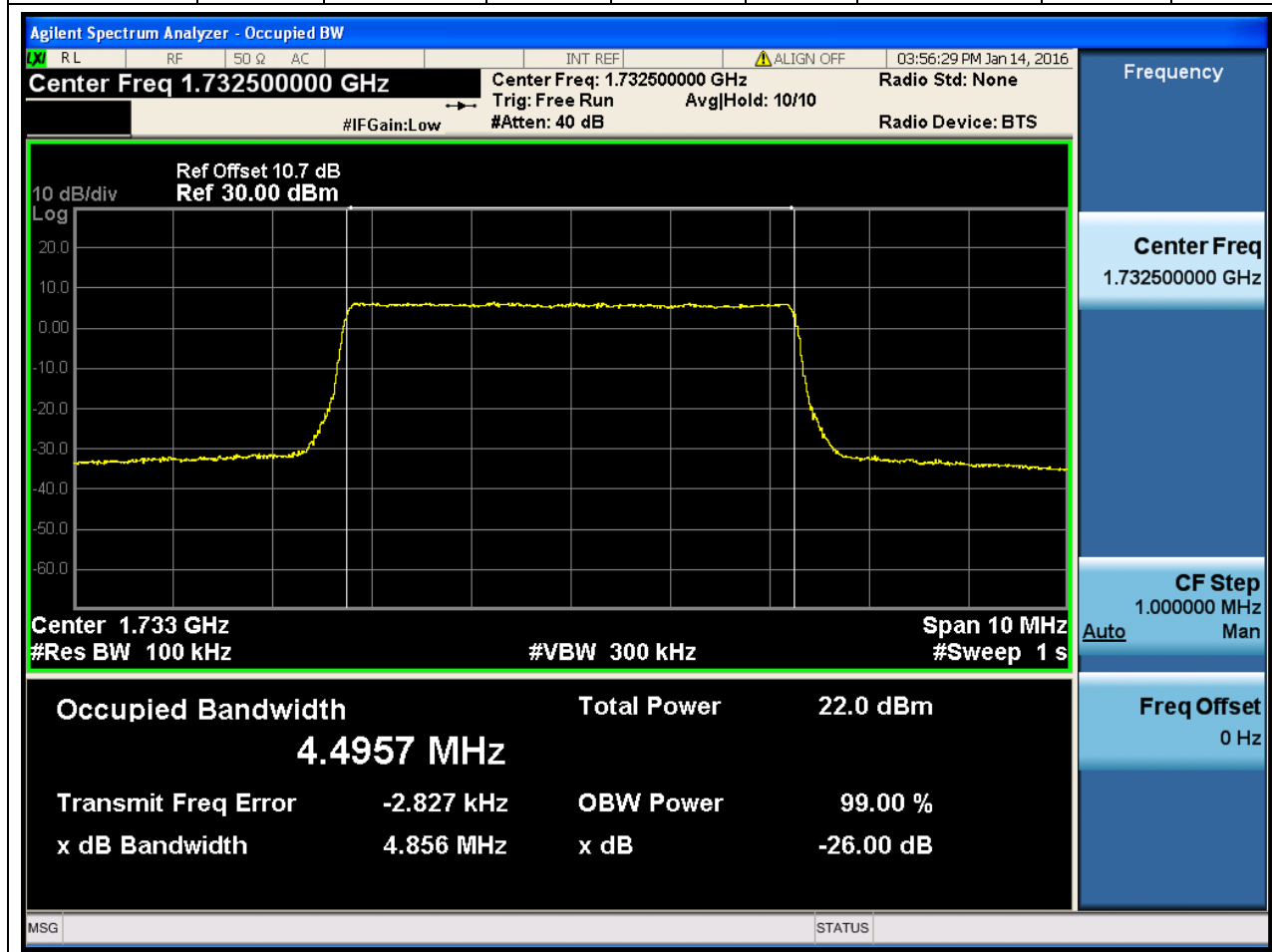
**1.15. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5                 | 99            | 26           | 100000    | RMS      | 4.5       | 4.84                | 5                 | Pass    |



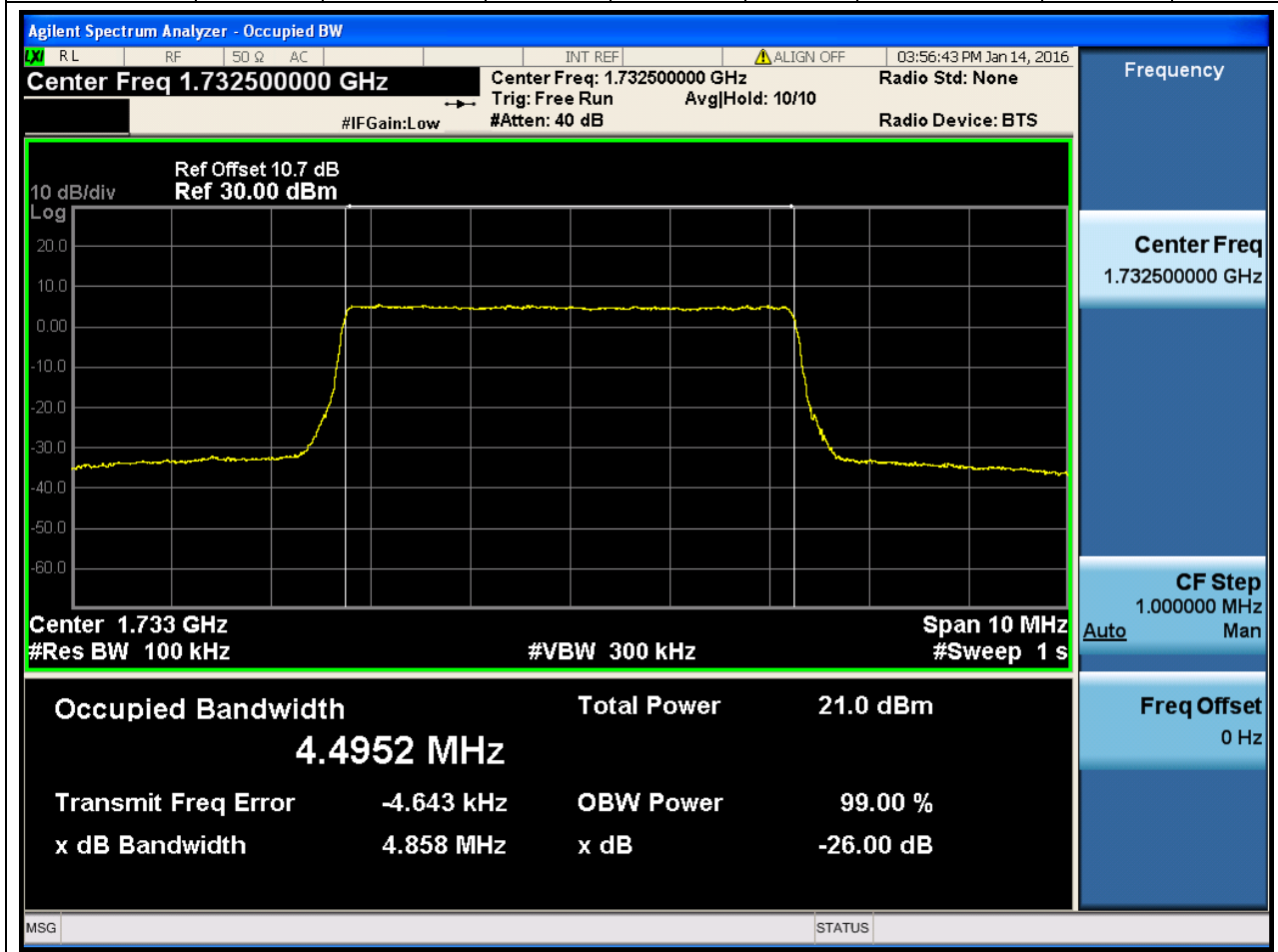
### 1.16. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 4.5       | 4.86                | 5                 | Pass    |



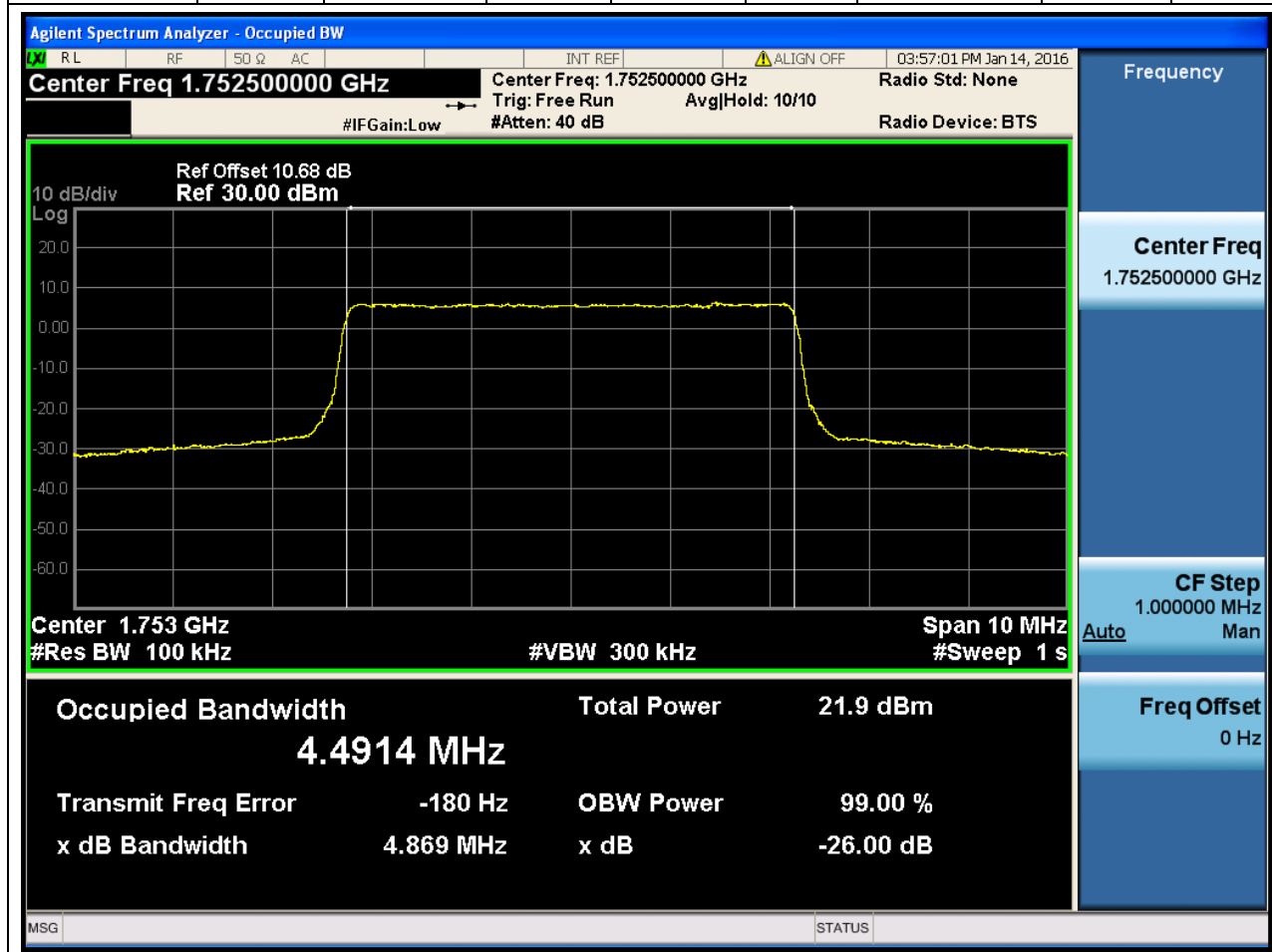
**1.17. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 4.5       | 4.86                | 5                 | Pass    |



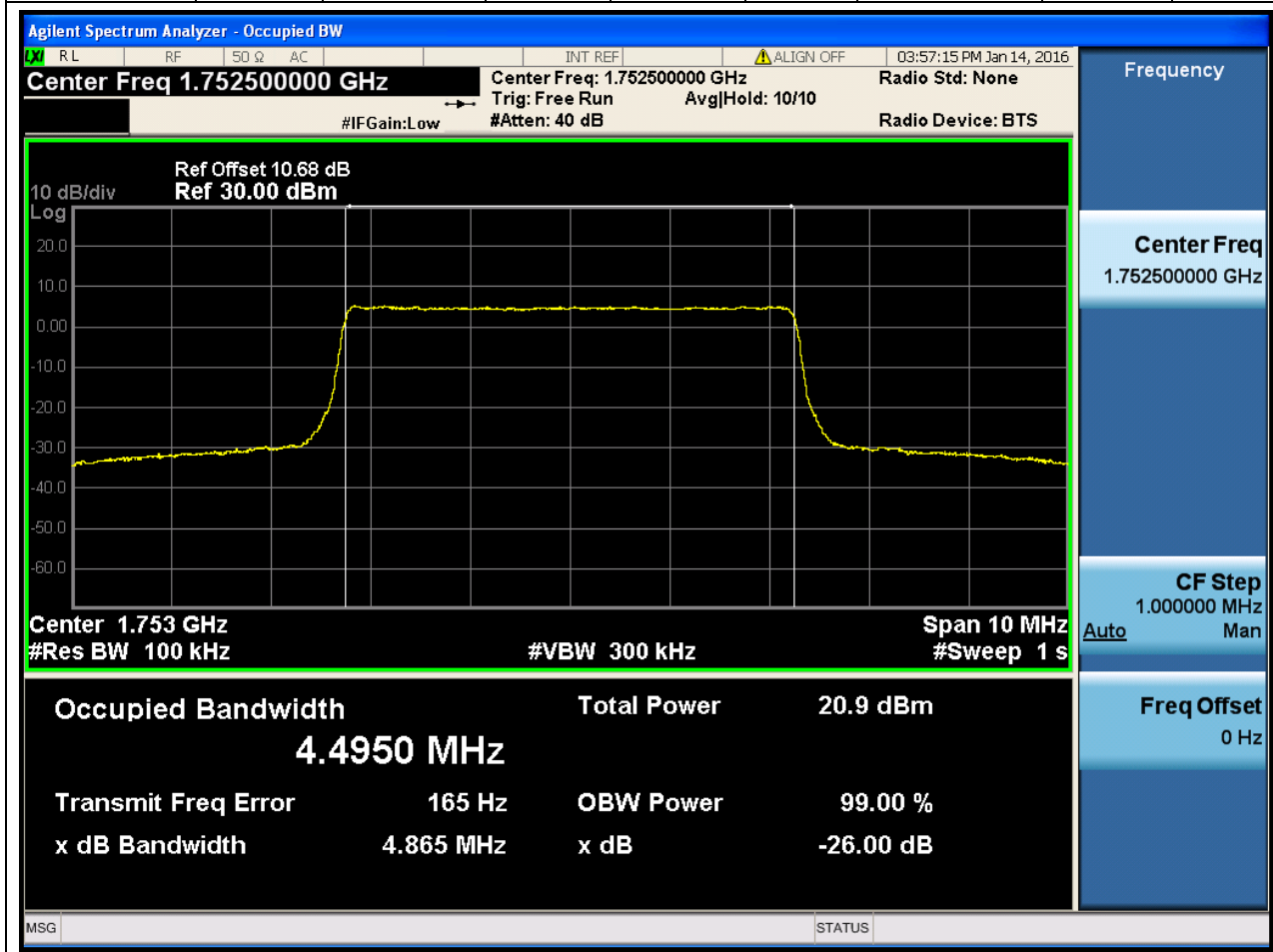
### 1.18. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1752.5                 | 99            | 26           | 100000    | RMS      | 4.49      | 4.87                | 5                 | Pass    |



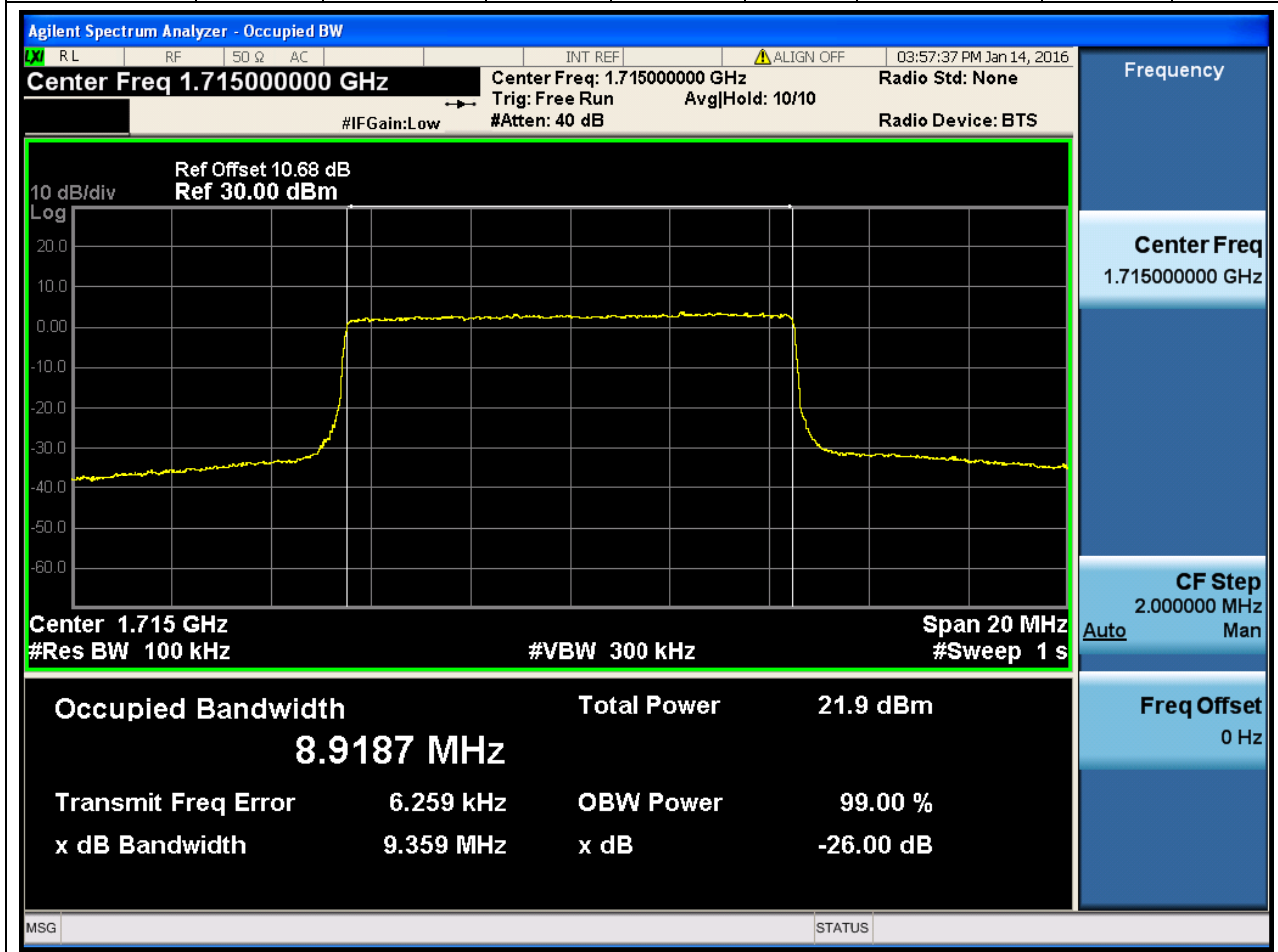
**1.19. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1752.5                 | 99            | 26           | 100000    | RMS      | 4.49      | 4.86                | 5                 | Pass    |



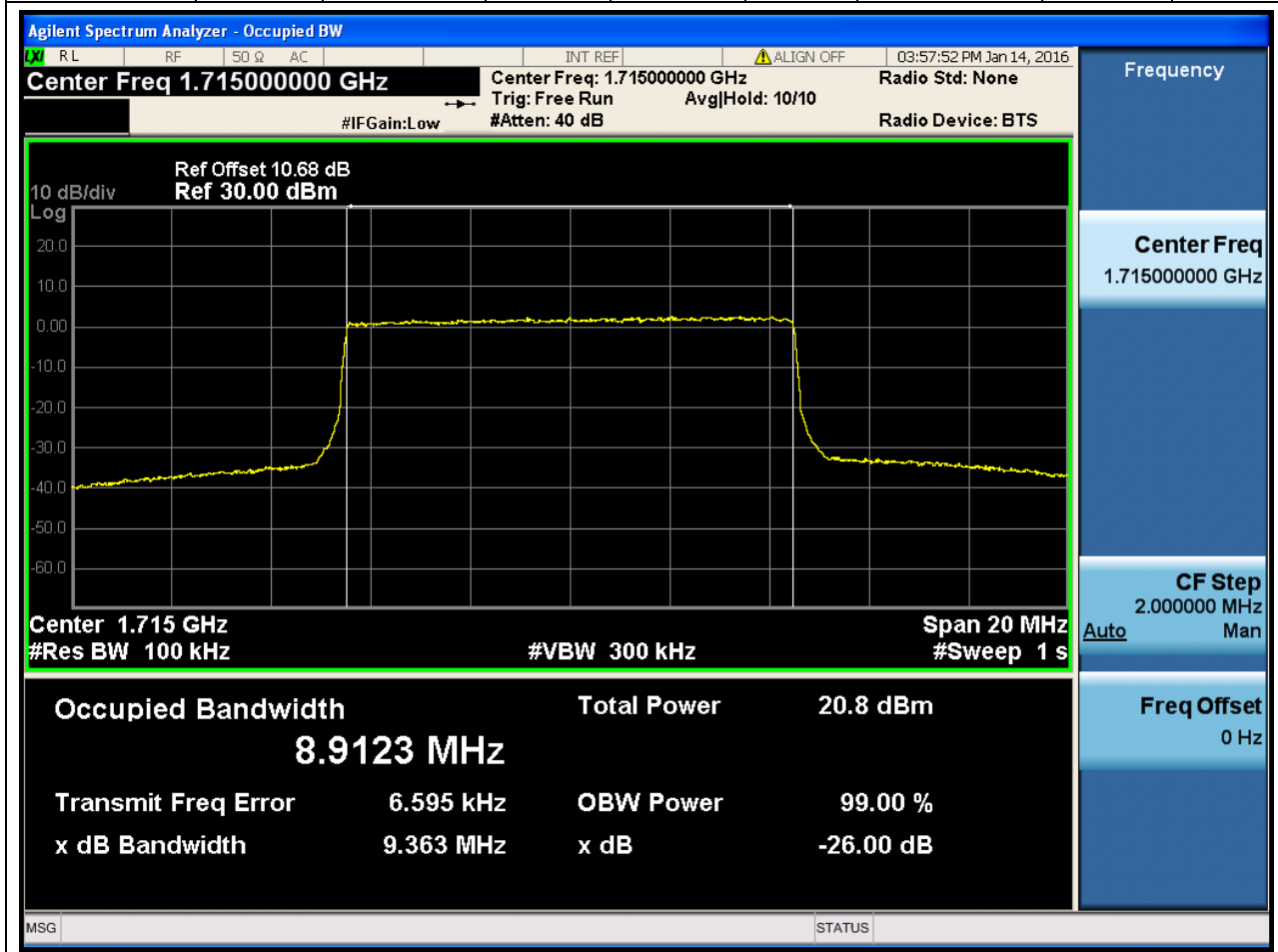
**1.20. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715                   | 99            | 26           | 100000    | RMS      | 8.92      | 9.36                | 10                | Pass    |



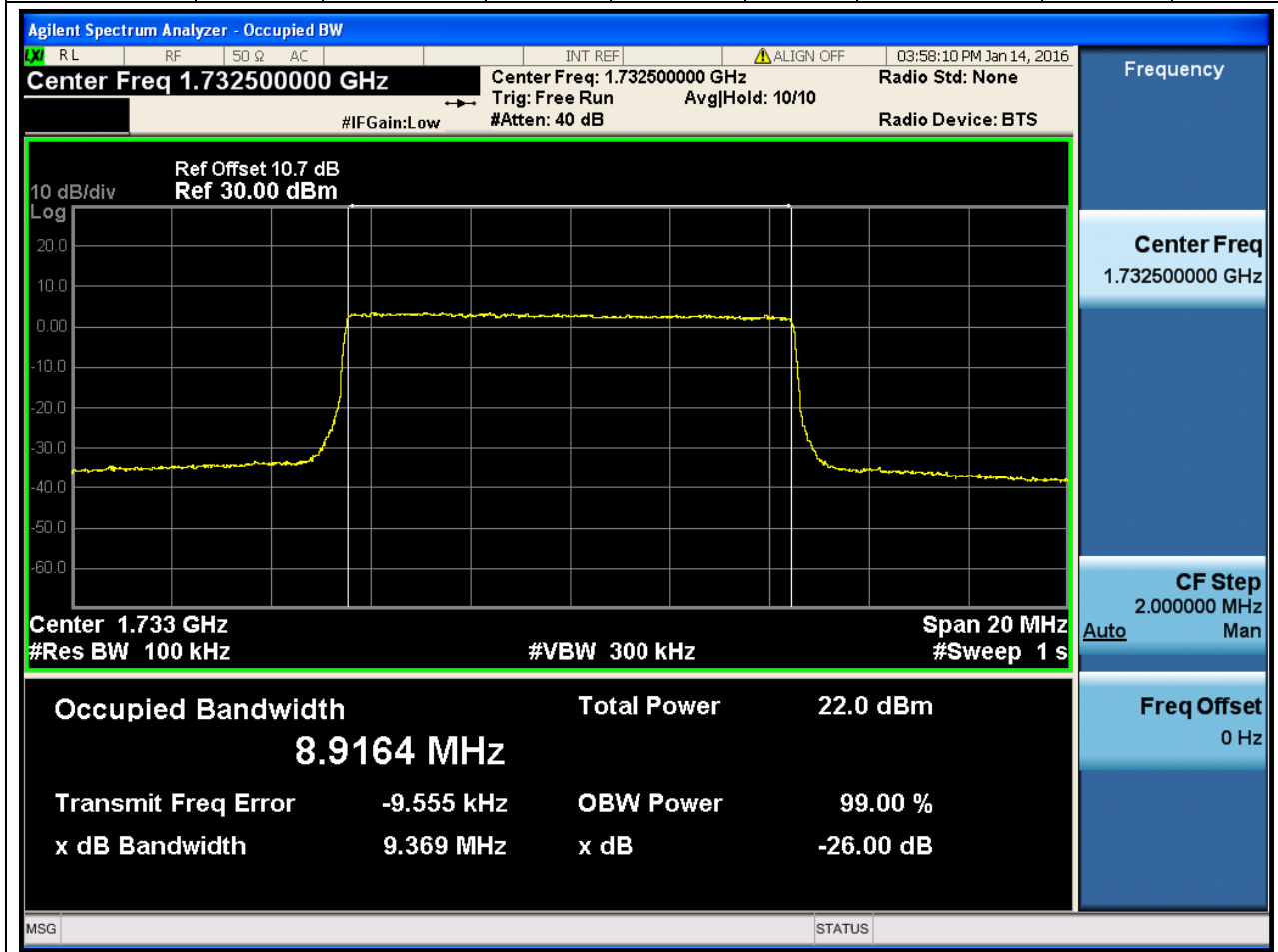
**1.21. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715                   | 99            | 26           | 100000    | RMS      | 8.91      | 9.36                | 10                | Pass    |



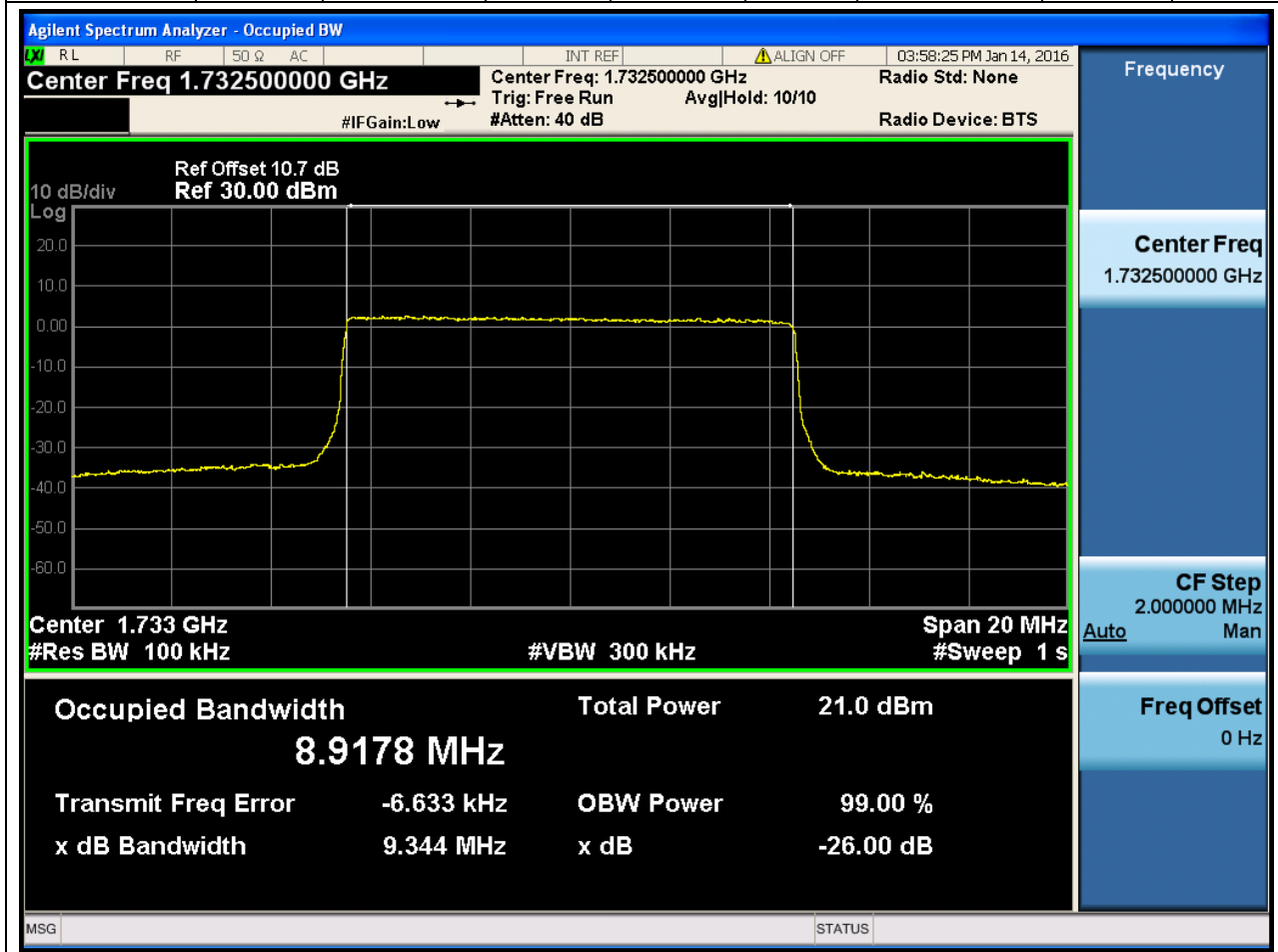
**1.22. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 8.92      | 9.37                | 10                | Pass    |



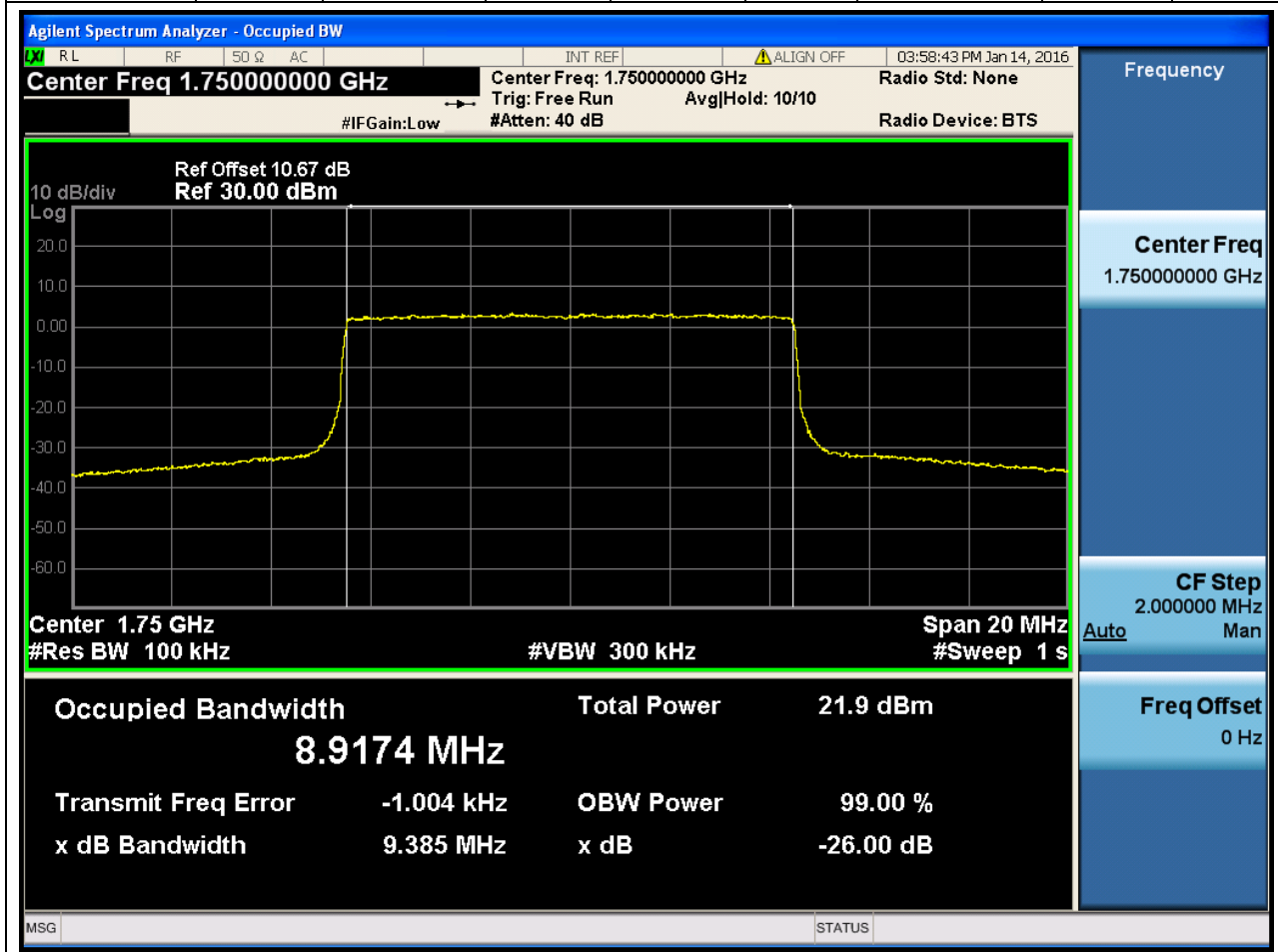
**1.23. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 8.92      | 9.34                | 10                | Pass    |



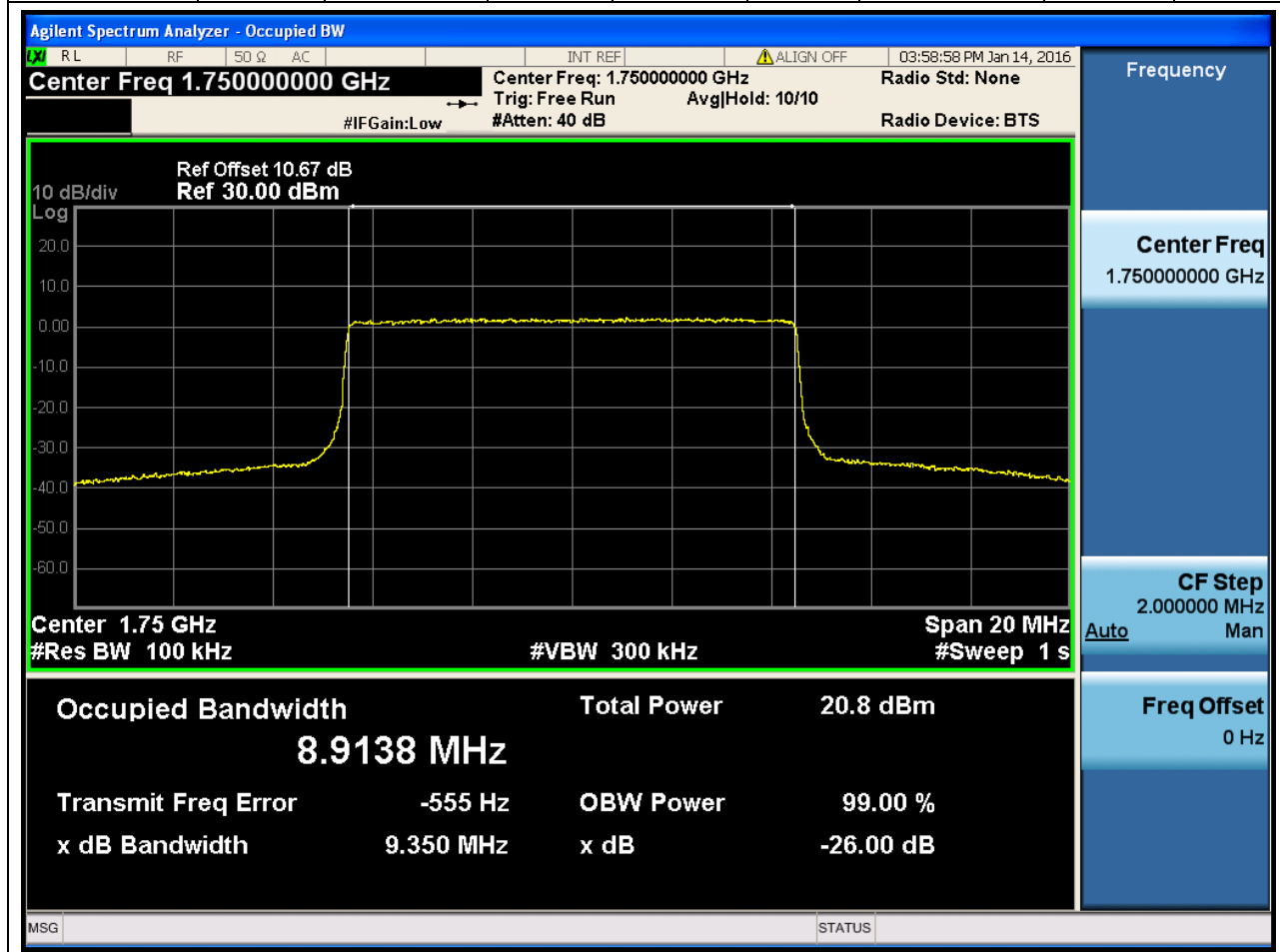
**1.24. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1750                   | 99            | 26           | 100000    | RMS      | 8.92      | 9.38                | 10                | Pass    |



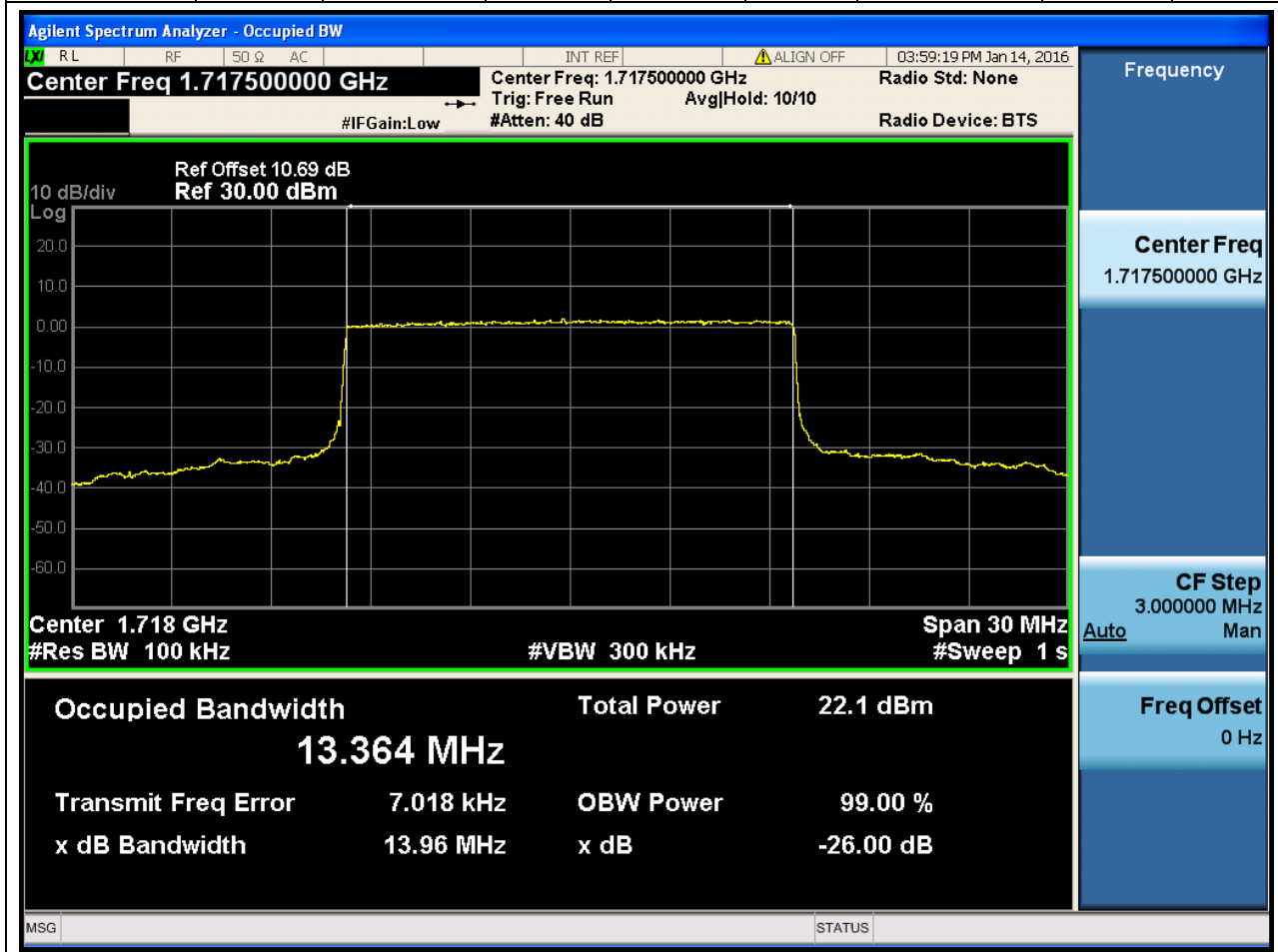
**1.25. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1750                   | 99            | 26           | 100000    | RMS      | 8.91      | 9.35                | 10                | Pass    |



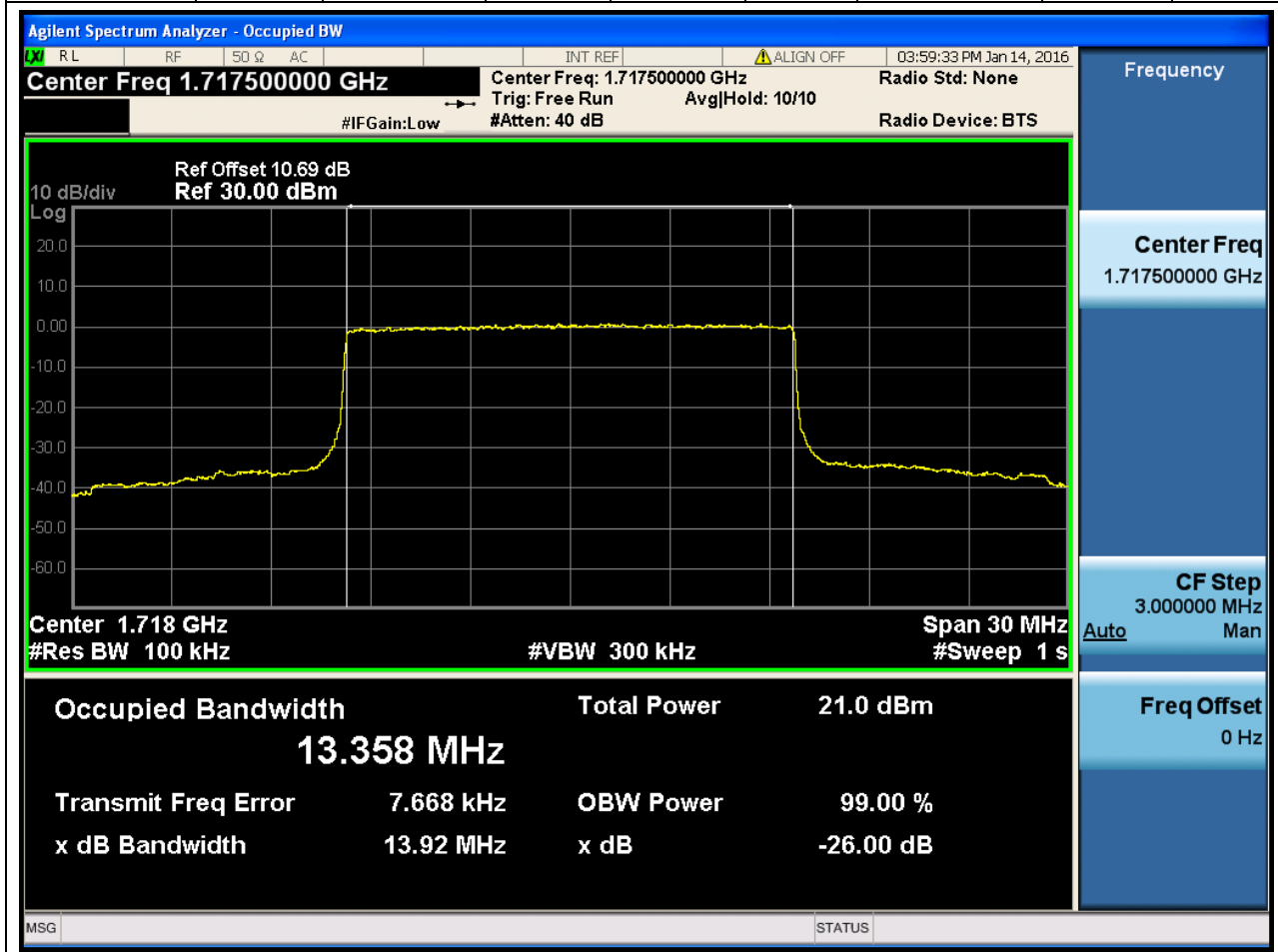
**1.26. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1717.5                 | 99            | 26           | 100000    | RMS      | 13.36     | 13.96               | 15                | Pass    |



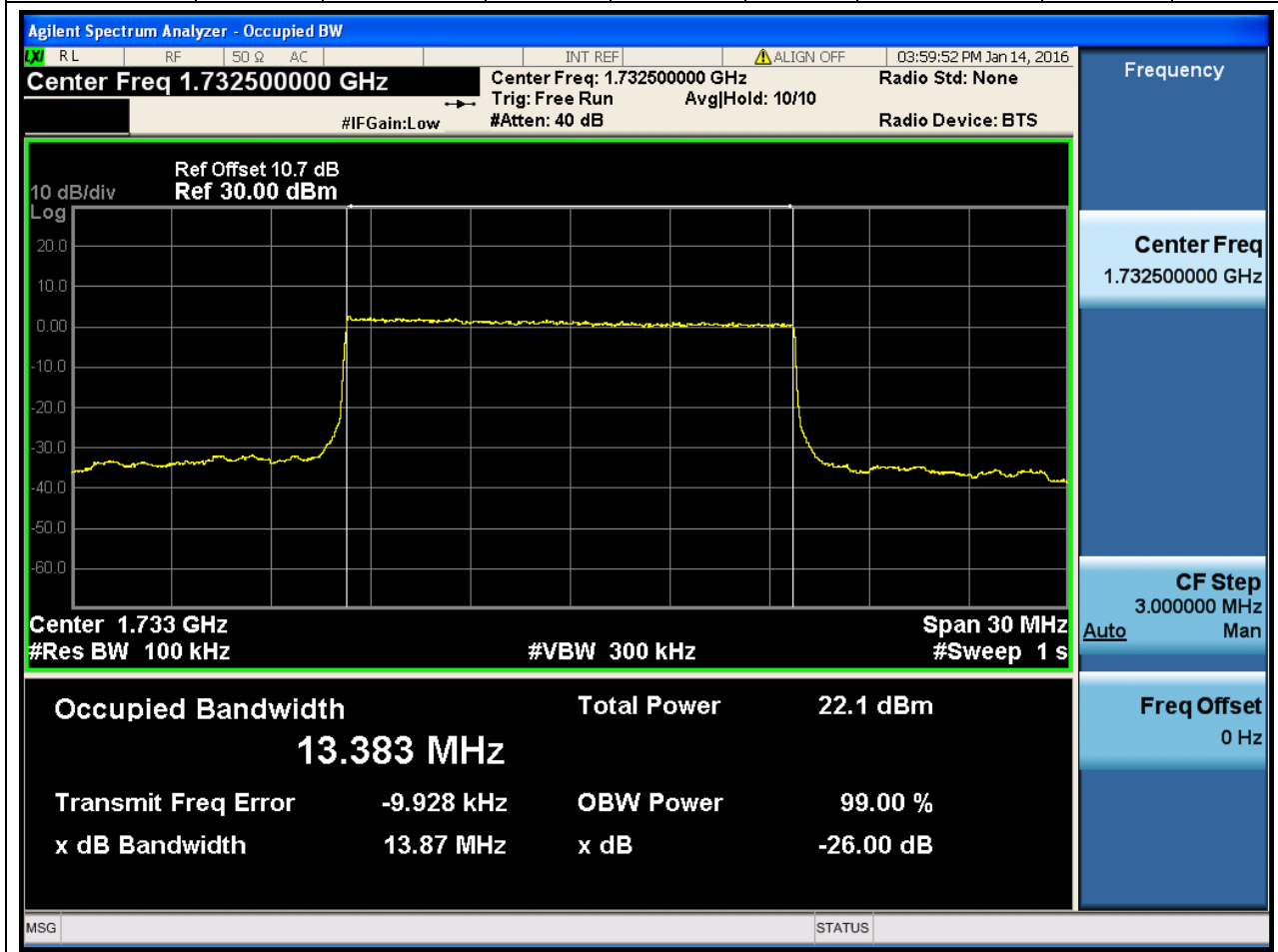
**1.27. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1717.5                 | 99            | 26           | 100000    | RMS      | 13.36     | 13.92               | 15                | Pass    |



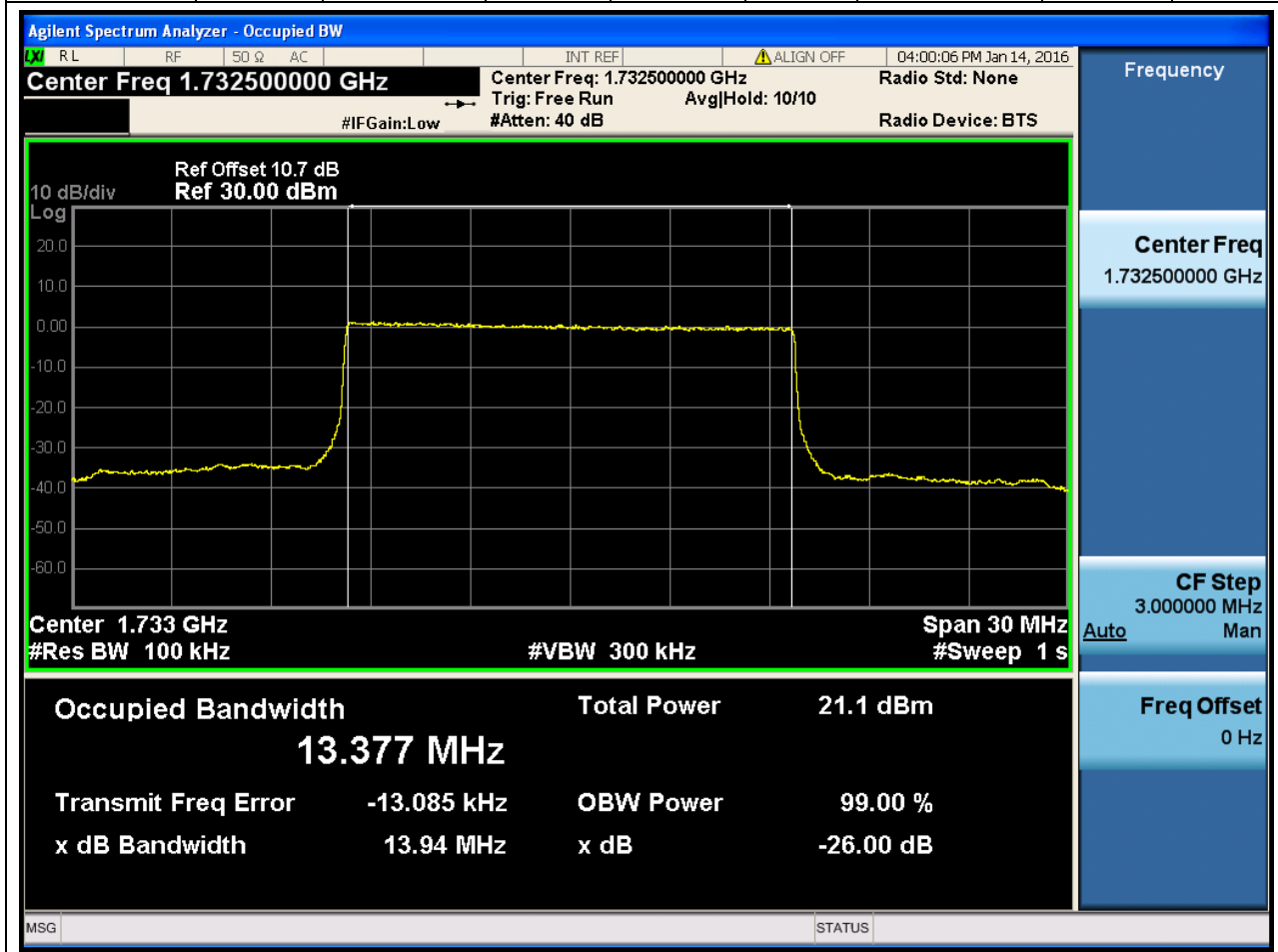
**1.28. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 13.38     | 13.87               | 15                | Pass    |



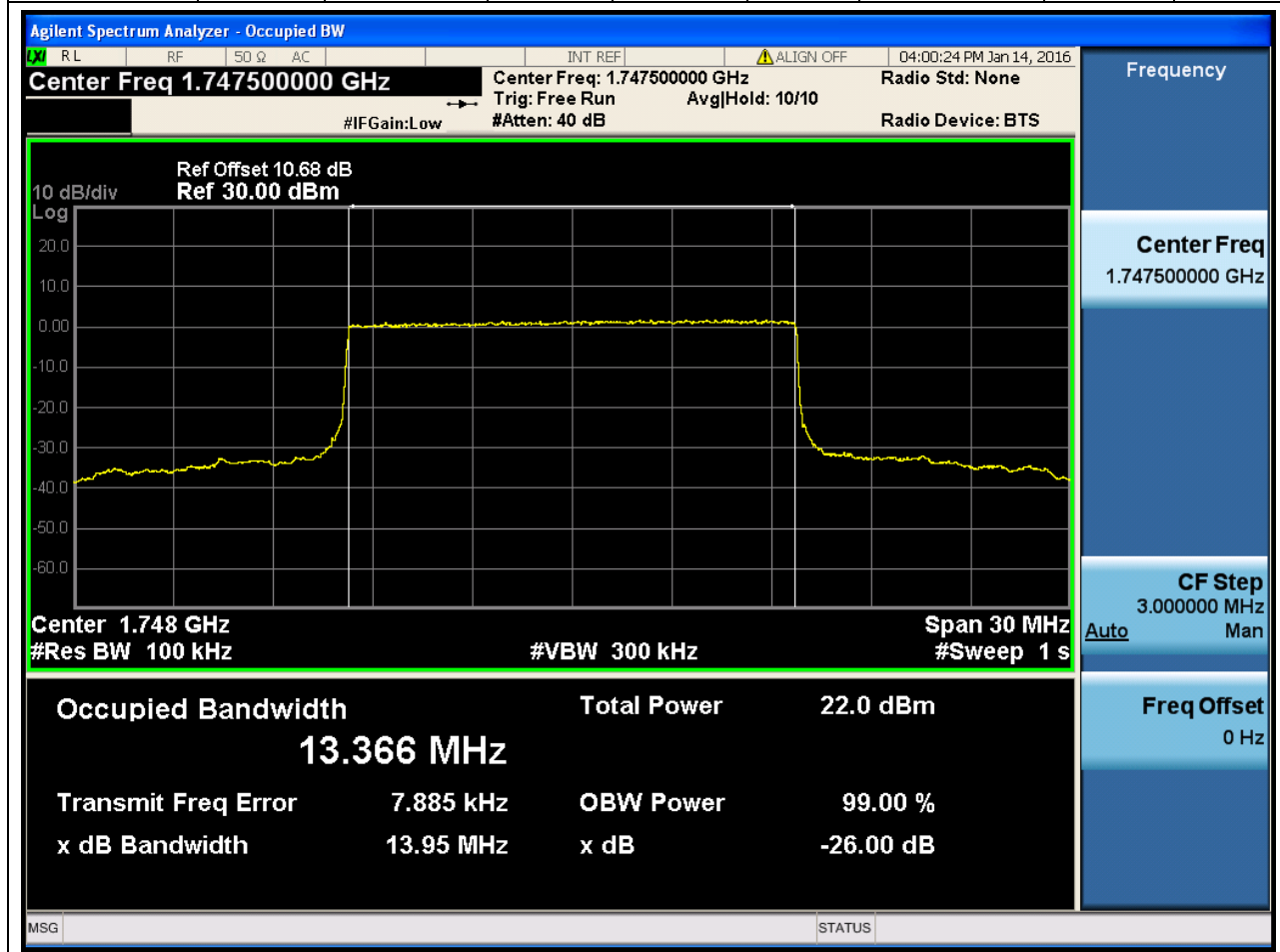
**1.29. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 13.38     | 13.94               | 15                | Pass    |



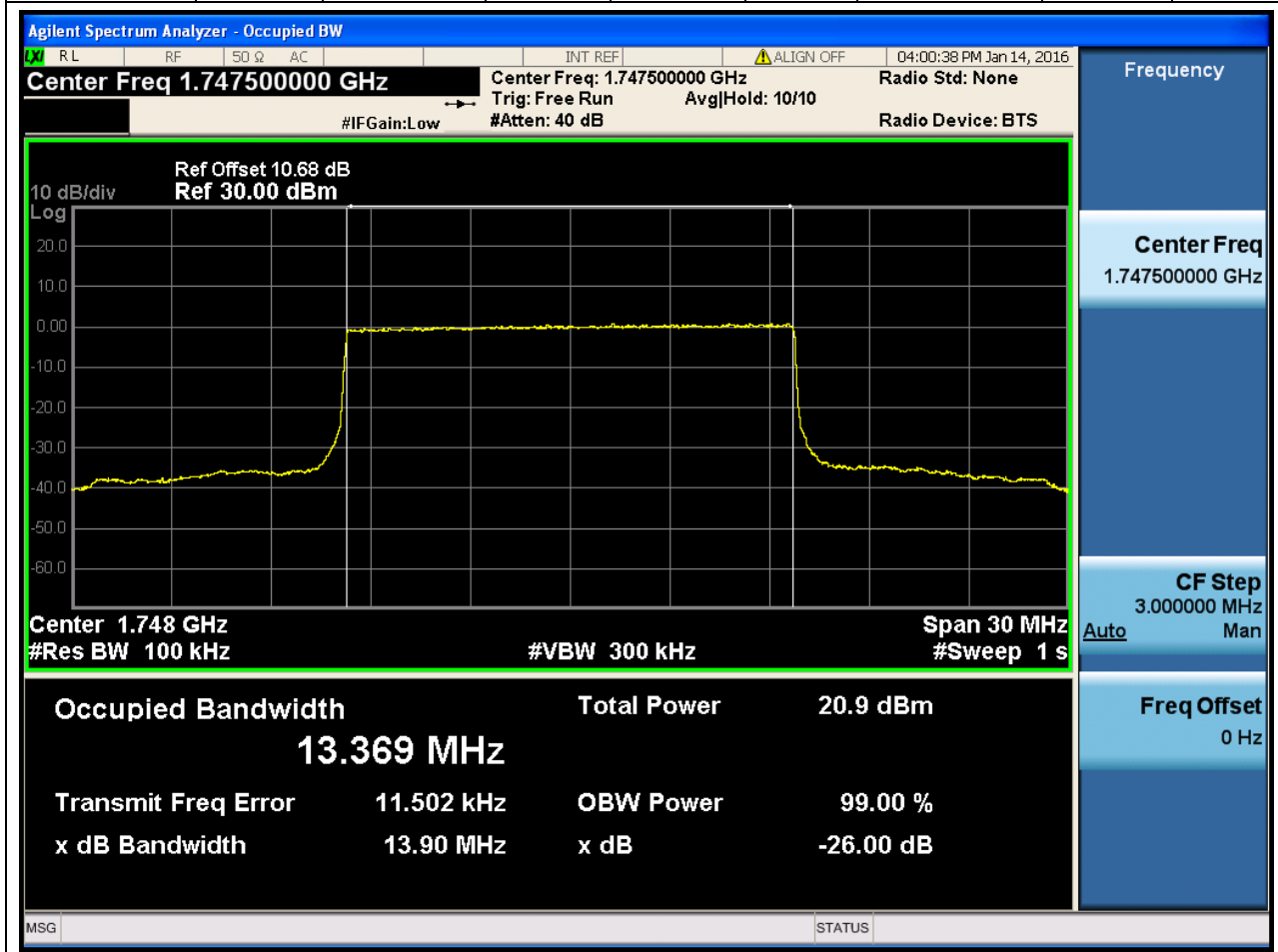
**1.30. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1747.5                 | 99            | 26           | 100000    | RMS      | 13.37     | 13.95               | 15                | Pass    |



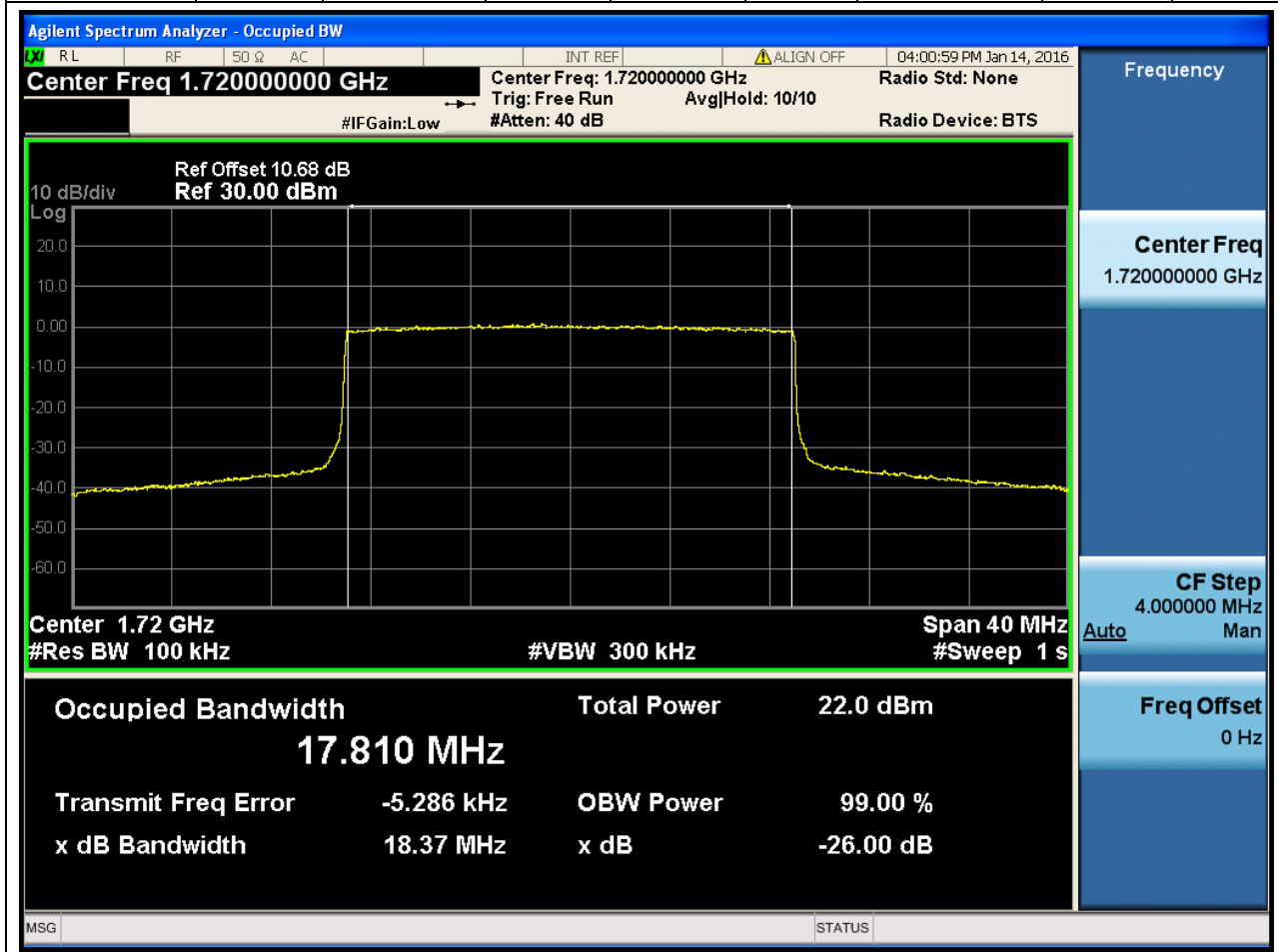
**1.31. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1747.5                 | 99            | 26           | 100000    | RMS      | 13.37     | 13.9                | 15                | Pass    |



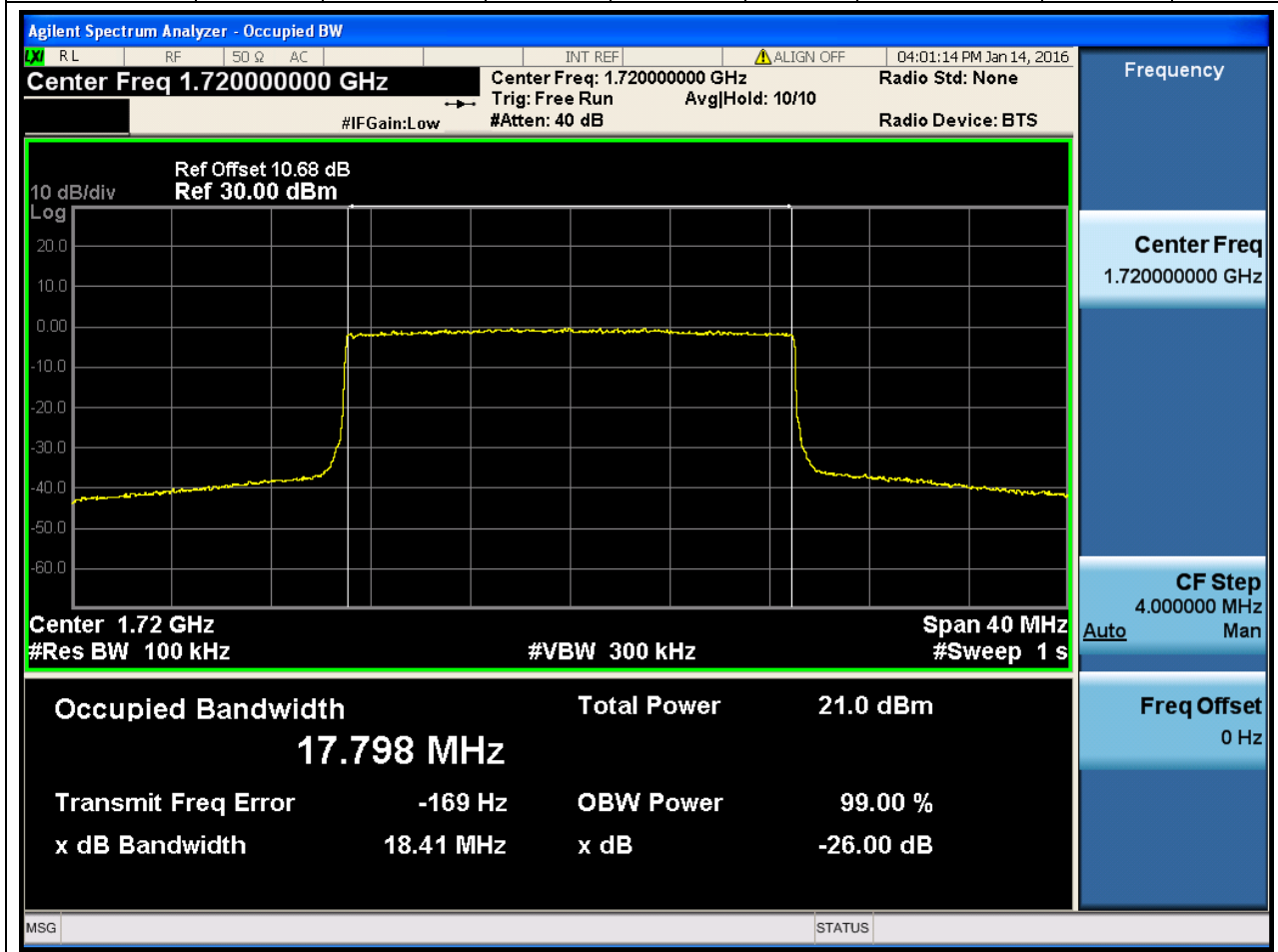
**1.32. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720                   | 99            | 26           | 100000    | RMS      | 17.81     | 18.37               | 20                | Pass    |



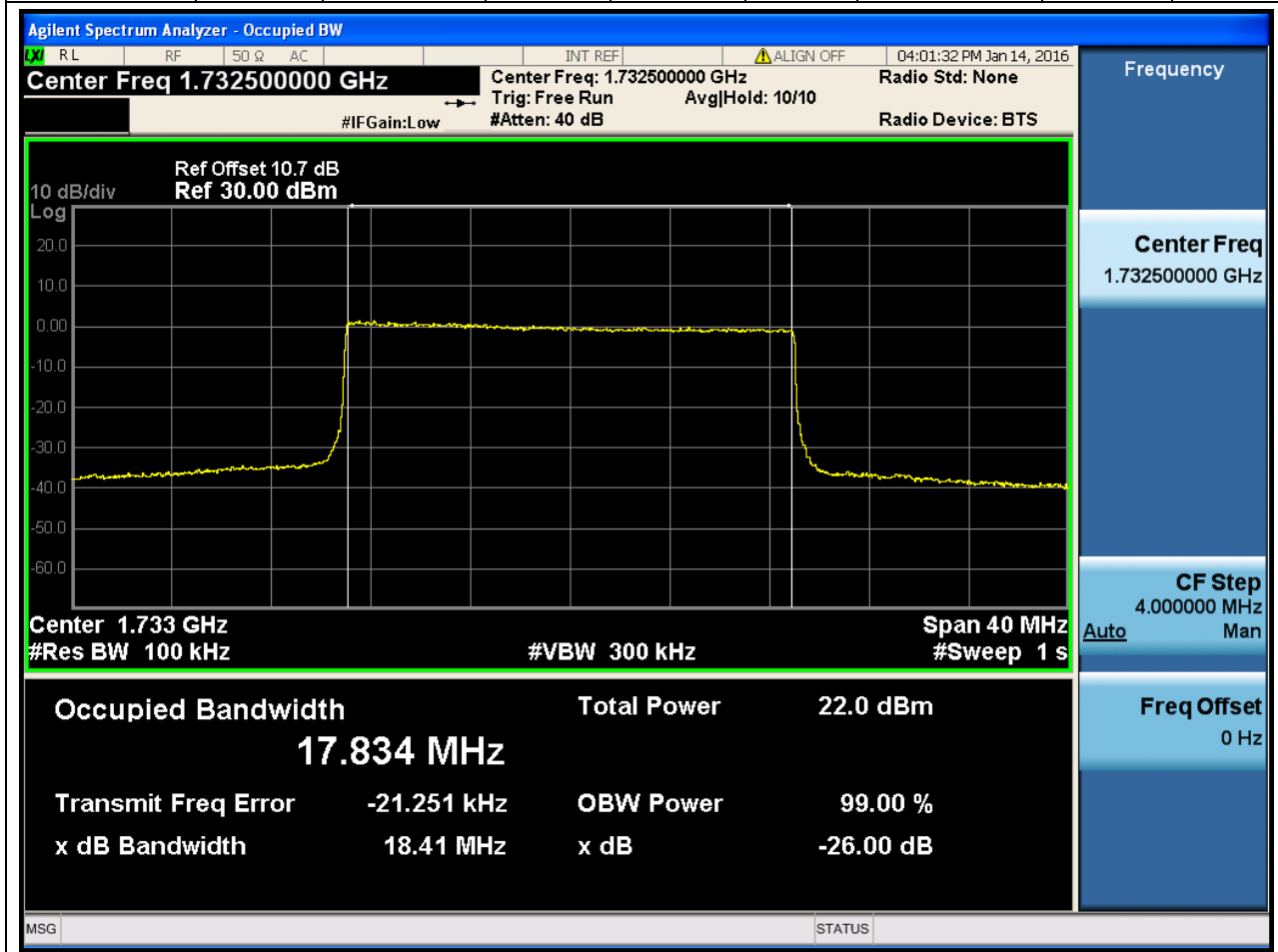
### 1.33. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720                   | 99            | 26           | 100000    | RMS      | 17.8      | 18.41               | 20                | Pass    |



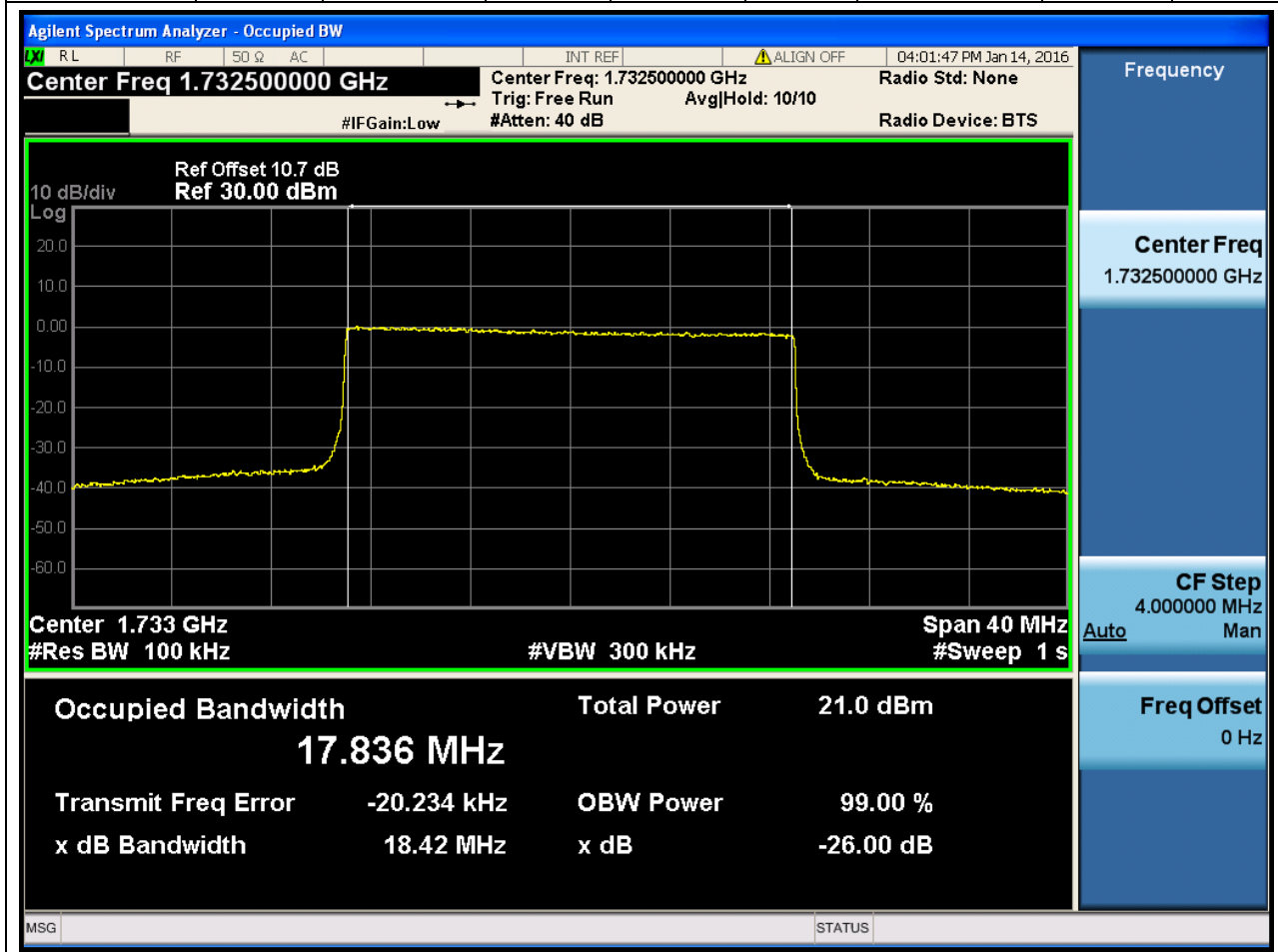
**1.34. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 17.83     | 18.41               | 20                | Pass    |



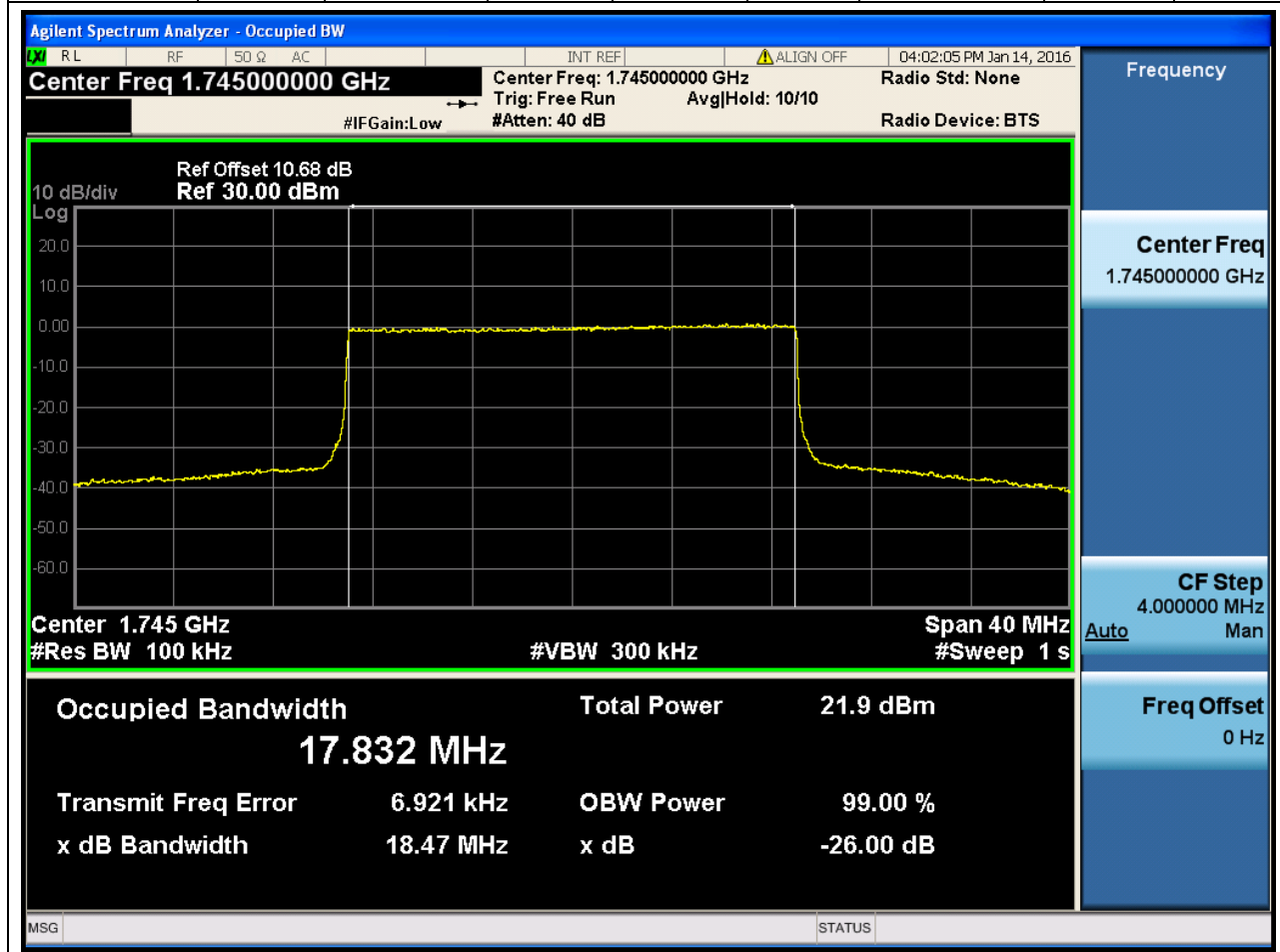
**1.35. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.5                 | 99            | 26           | 100000    | RMS      | 17.84     | 18.42               | 20                | Pass    |



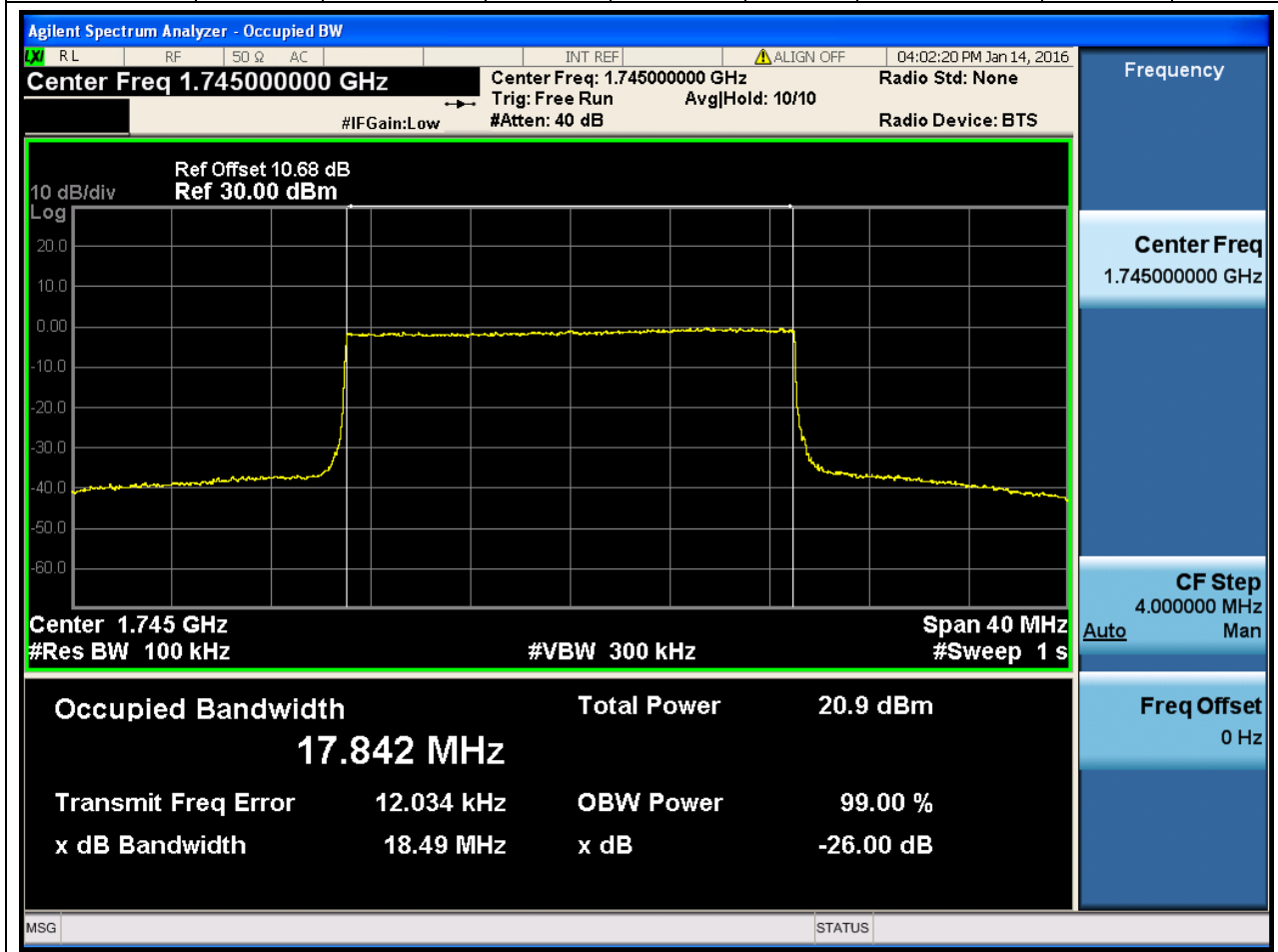
**1.36. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down(dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26           | 100000    | RMS      | 17.83     | 18.47               | 20                | Pass    |



**1.37. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, 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 |
|------------------------|---------------|--------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26           | 100000    | RMS      | 17.84     | 18.49               | 20                | Pass    |



END