

## A.3 Occupied Bandwidth

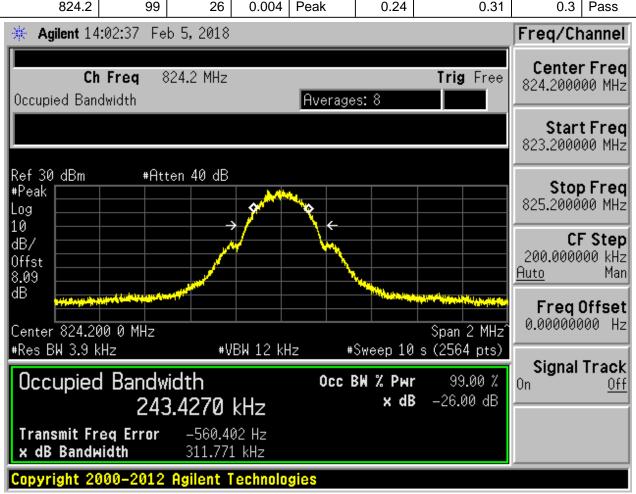
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### 1. GPRS\_GSM850

### 1.1. GPRS Occupied Bandwidth(NTNV)(Channel:128)

Frequency (MHz)	Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
824.2	99	26	0.004	Peak	0.24	0.31	0.3	Pass

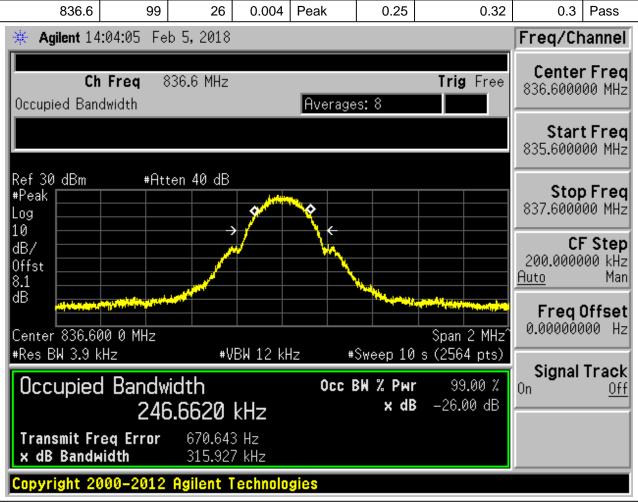


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#### 1.2. GPRS Occupied Bandwidth(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
836.6	99	26	0.004	Peak	0.25	0.32	0.3	Pass

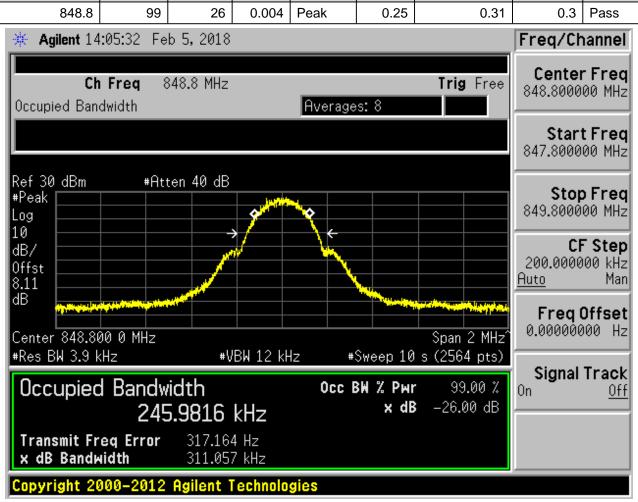


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#### 1.3. GPRS Occupied Bandwidth(NTNV)(Channel:251)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
848.8	99	26	0.004	Peak	0.25	0.31	0.3	Pass

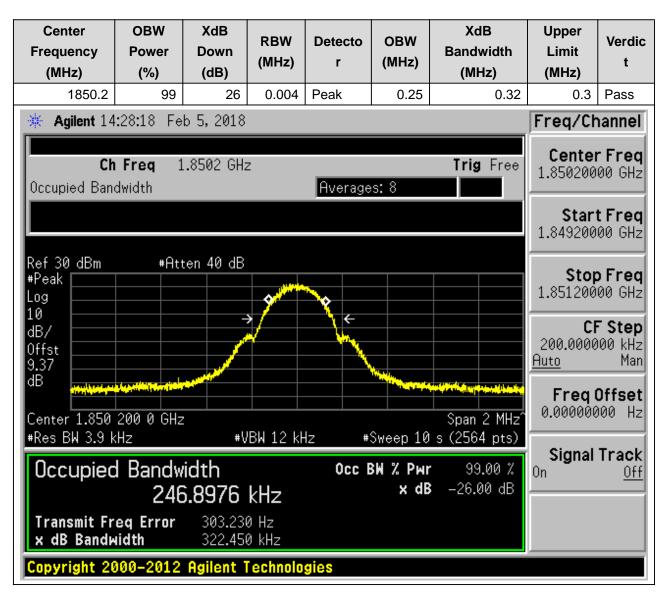


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### 2. GPRS\_PCS

### 2.1. GPRS Occupied Bandwidth(NTNV)(Channel:512)

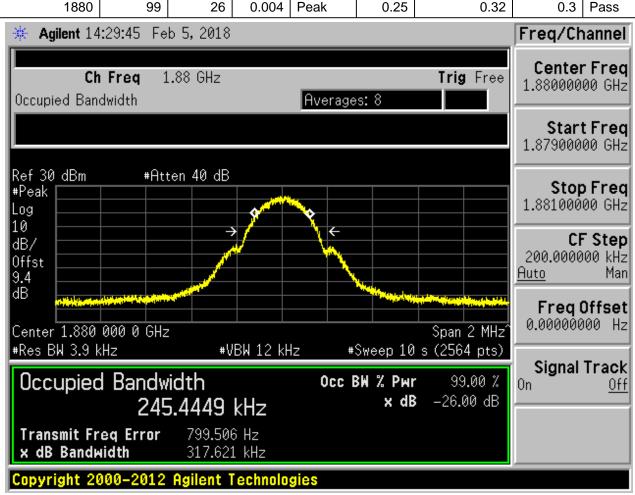


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#### 2.2. GPRS Occupied Bandwidth(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1880	99	26	0.004	Peak	0.25	0.32	0.3	Pass

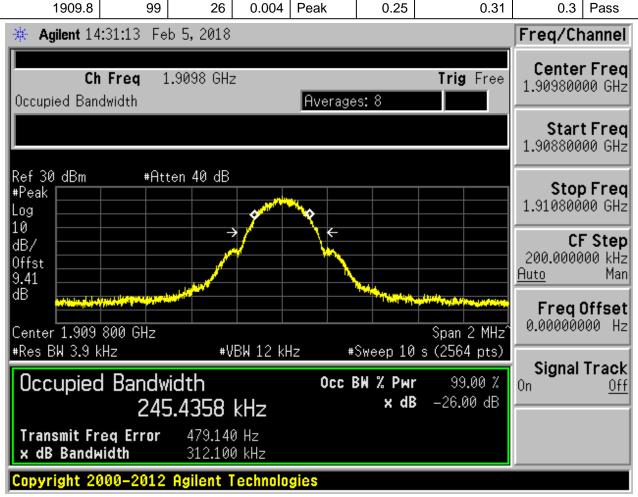


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#### 2.3. GPRS Occupied Bandwidth(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1909.8	99	26	0.004	Peak	0.25	0.31	0.3	Pass

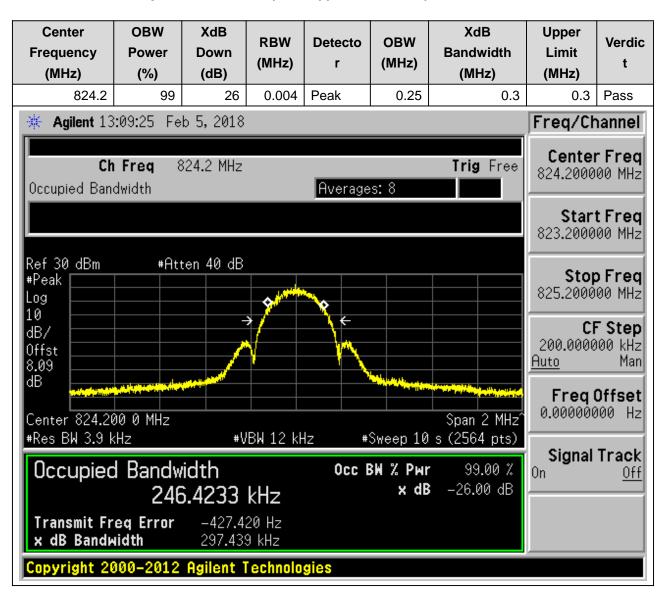


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### 3. EGPRS\_GSM850

### 3.1. EGPRS Occupied Bandwidth(NTNV)(Channel:128)

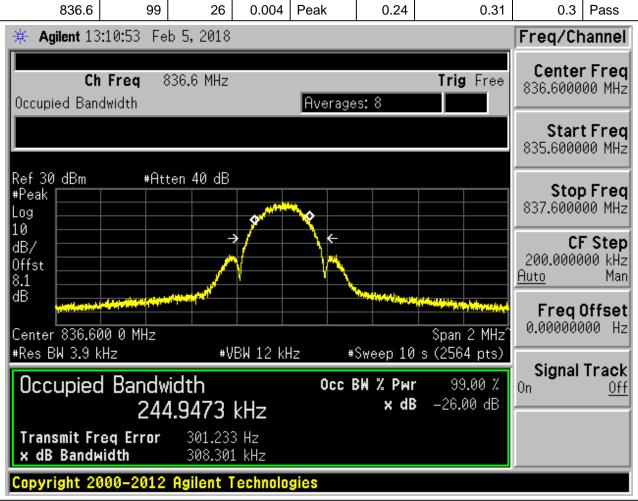


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#### 3.2. EGPRS Occupied Bandwidth(NTNV)(Channel:190)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
836.6	99	26	0.004	Peak	0.24	0.31	0.3	Pass

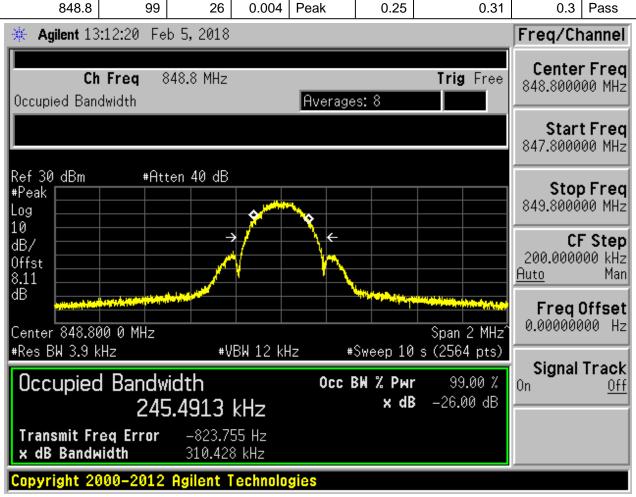


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#### 3.3. EGPRS Occupied Bandwidth(NTNV)(Channel:251)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
848.8	99	26	0.004	Peak	0.25	0.31	0.3	Pass

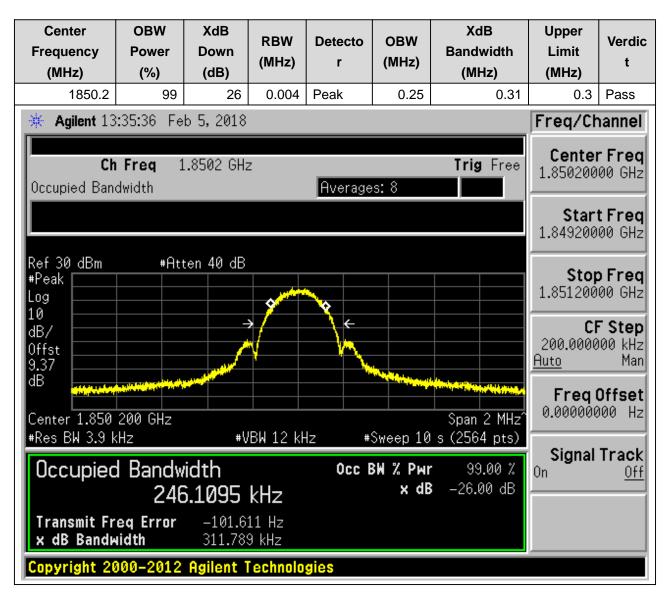


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### 4. EGPRS PCS

## 4.1. EGPRS Occupied Bandwidth(NTNV)(Channel:512)

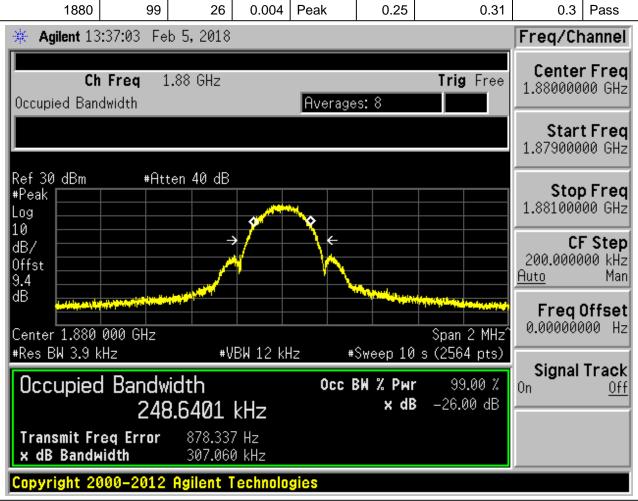


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### 4.2. EGPRS Occupied Bandwidth(NTNV)(Channel:661)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1880	99	26	0.004	Peak	0.25	0.31	0.3	Pass

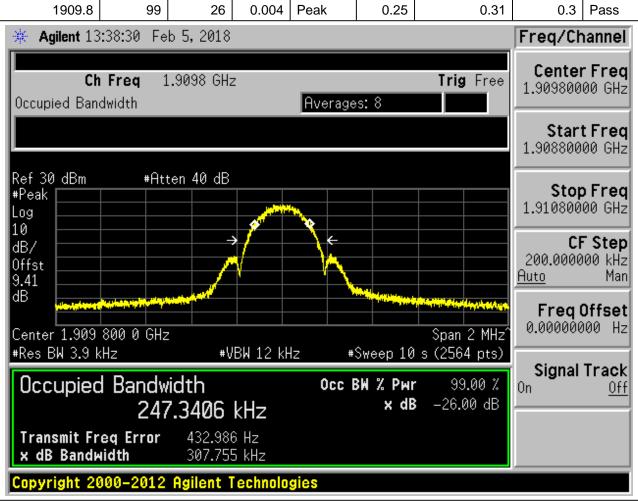


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#### 4.3. EGPRS Occupied Bandwidth(NTNV)(Channel:810)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1909.8	99	26	0.004	Peak	0.25	0.31	0.3	Pass

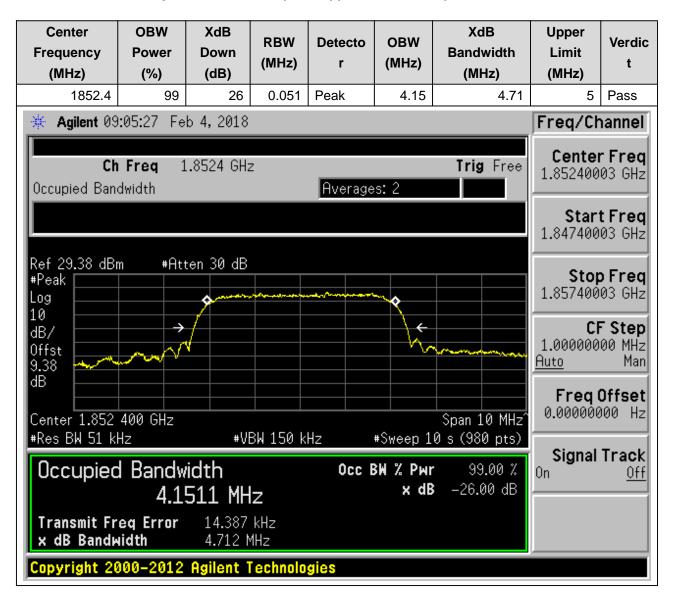


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### 5. WCDMA\_Band2

### 5.1. WCDMA Occupied Bandwidth(NTNV)(Channel:9262)

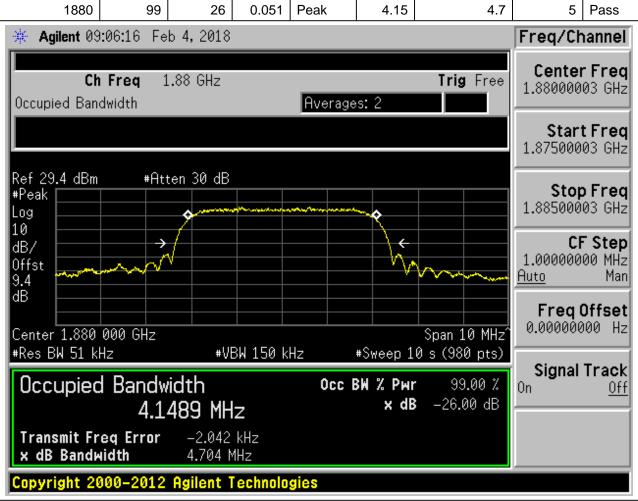


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#### 5.2. WCDMA Occupied Bandwidth(NTNV)(Channel:9400)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1880	99	26	0.051	Peak	4.15	4.7	5	Pass

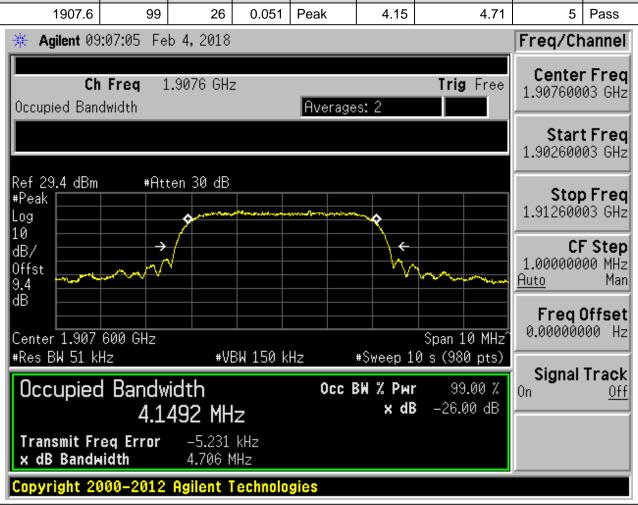


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#### 5.3. WCDMA Occupied Bandwidth(NTNV)(Channel:9538)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1907.6	99	26	0.051	Peak	4.15	4.71	5	Pass

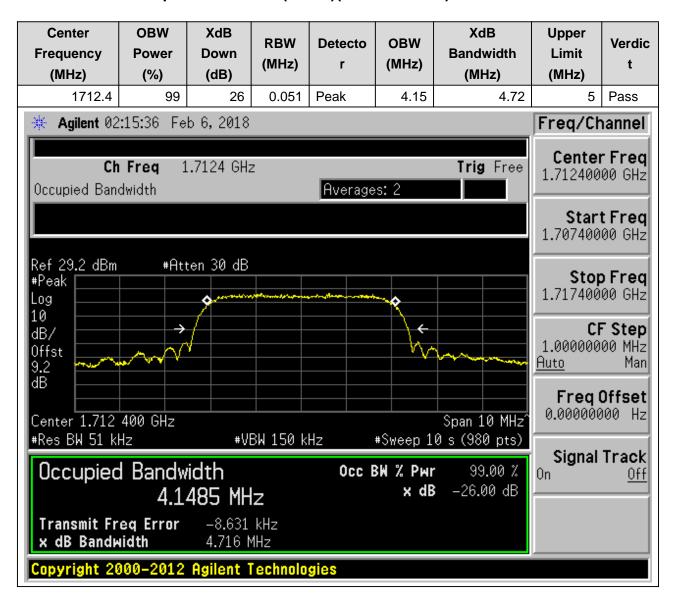


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### 6. WCDMA\_Band4

### 6.1. WCDMA Occupied Bandwidth(NTNV)(Channel:1312)

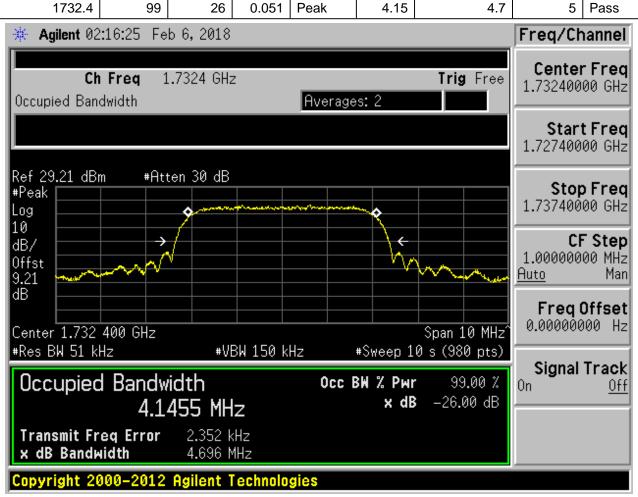


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#### 6.2. WCDMA Occupied Bandwidth(NTNV)(Channel:1412)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1732.4	99	26	0.051	Peak	4.15	4.7	5	Pass

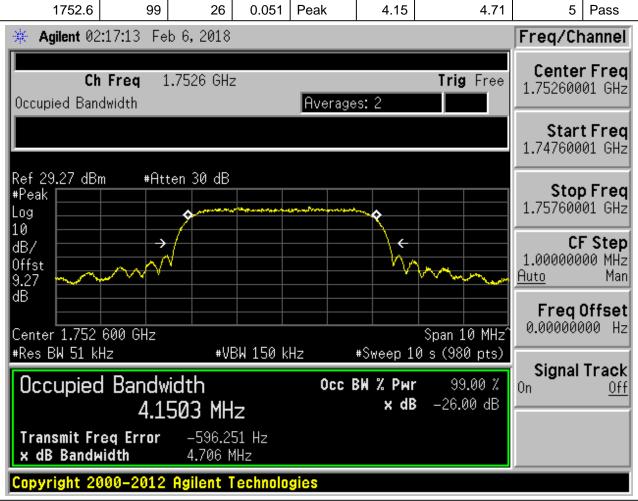


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#### 6.3. WCDMA Occupied Bandwidth(NTNV)(Channel:1513)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
1752.6	99	26	0.051	Peak	4.15	4.71	5	Pass

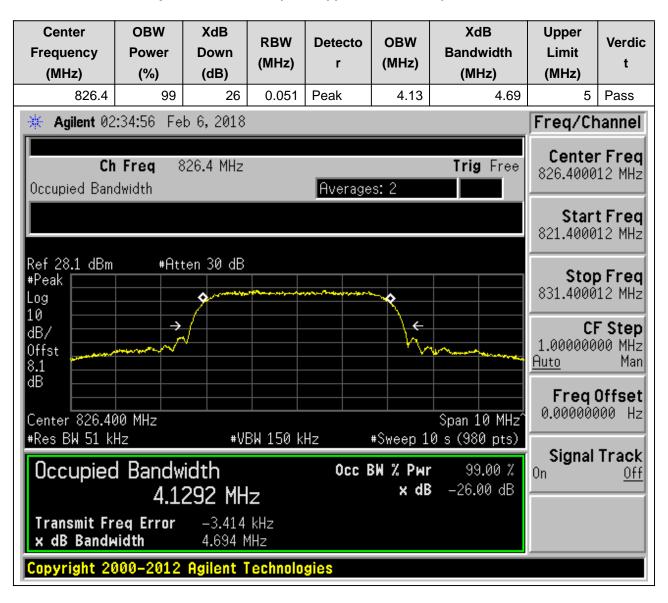


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### 7. WCDMA\_Band5

### 7.1. WCDMA Occupied Bandwidth(NTNV)(Channel:4132)

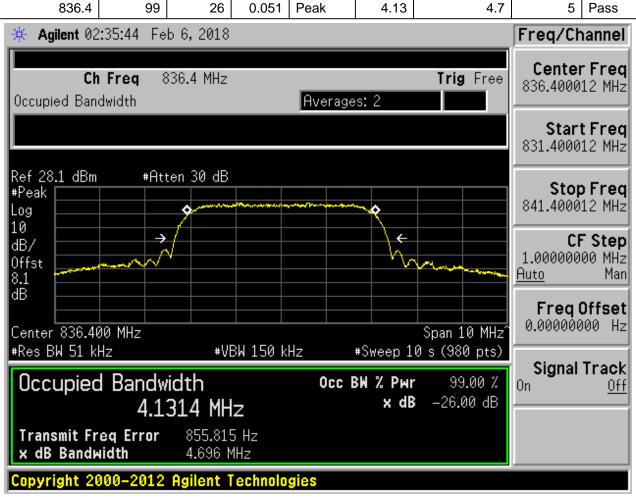


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#### 7.2. WCDMA Occupied Bandwidth(NTNV)(Channel:4182)

Cen Frequ (MF	ency	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
	836.4	99	26	0.051	Peak	4.13	4.7	5	Pass

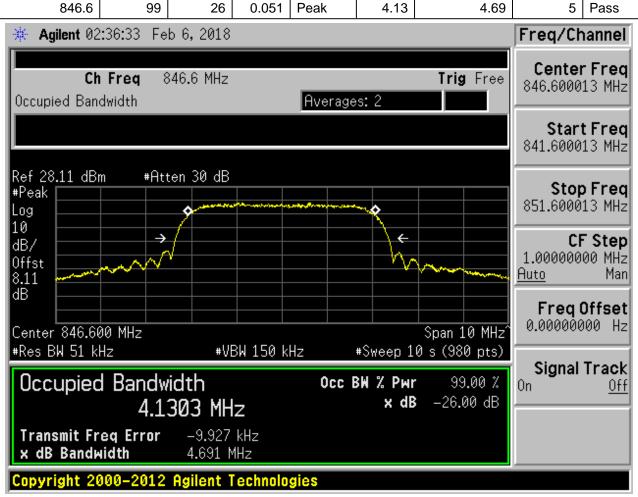


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#### 7.3. WCDMA Occupied Bandwidth(NTNV)(Channel:4233)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detecto r	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdic t
846.6	99	26	0.051	Peak	4.13	4.69	5	Pass

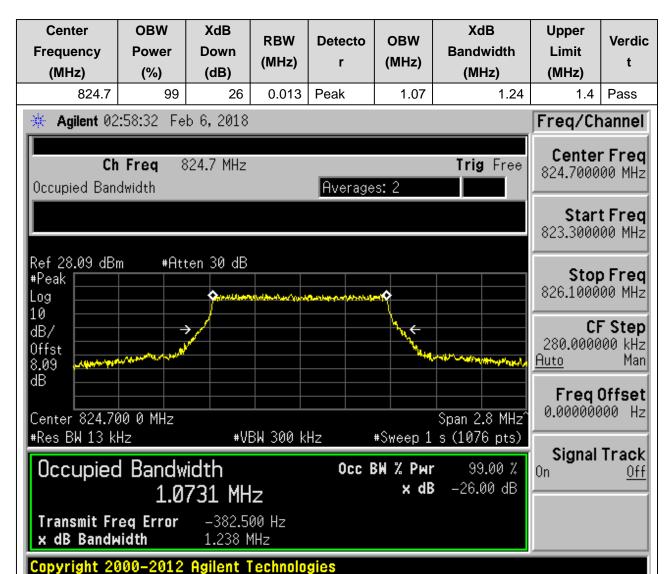


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#### 8. LTE Band5

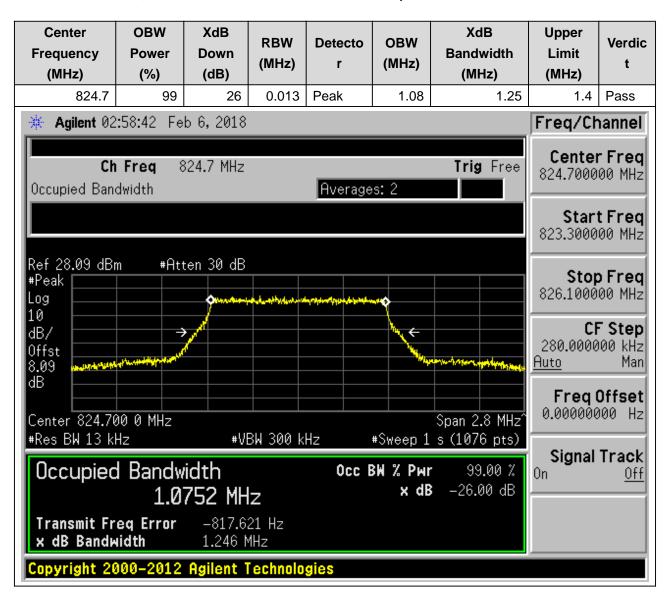
# 8.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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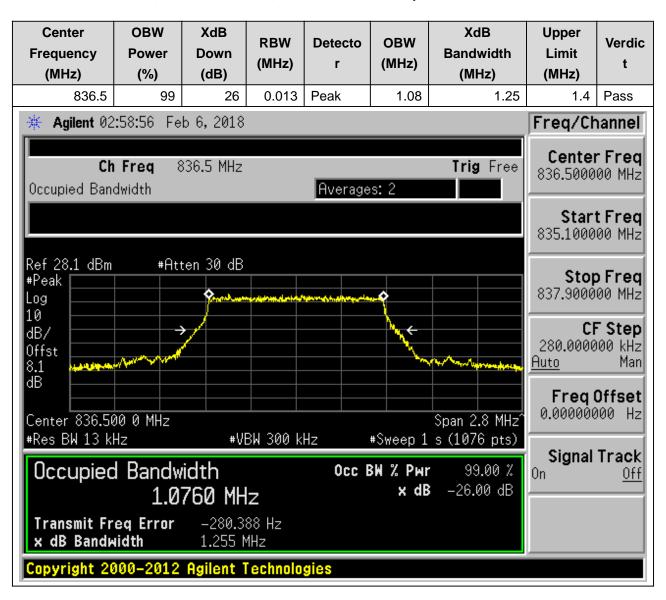
# 8.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



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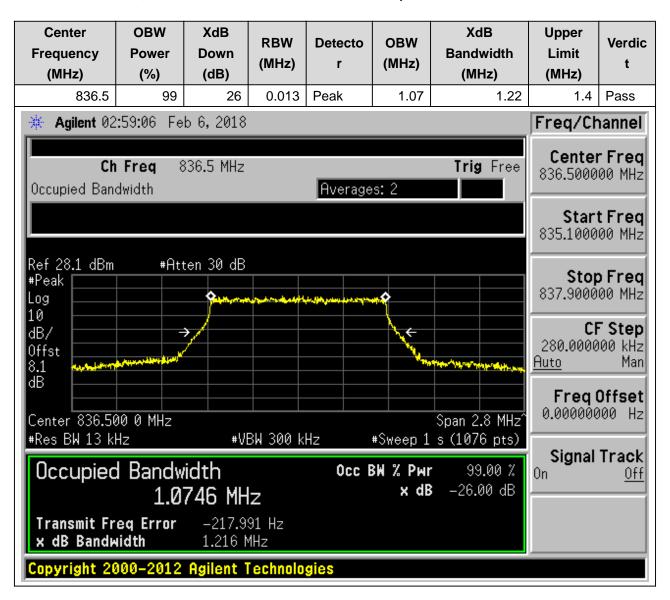
# 8.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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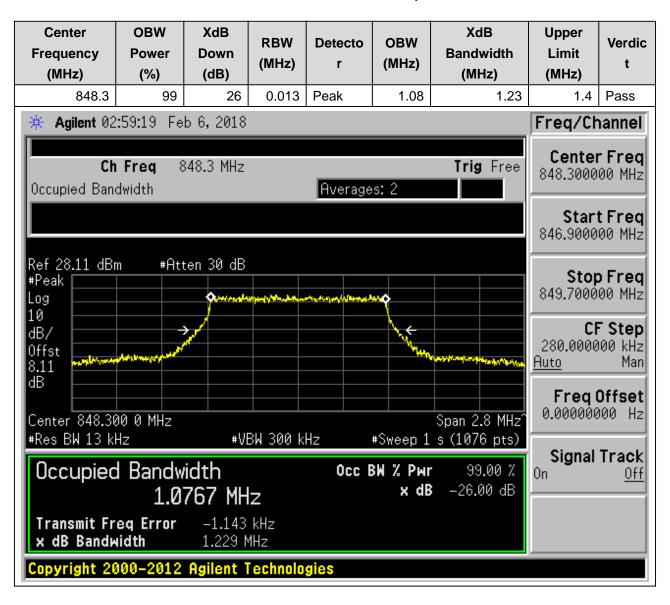
# 8.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



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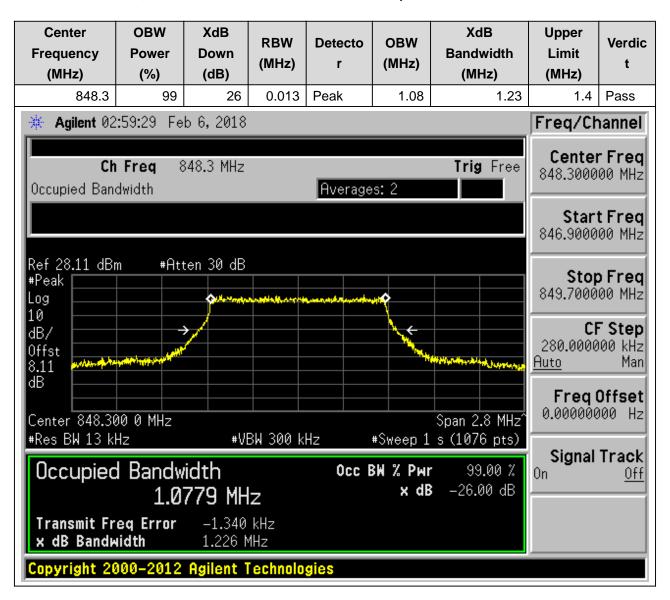
# 8.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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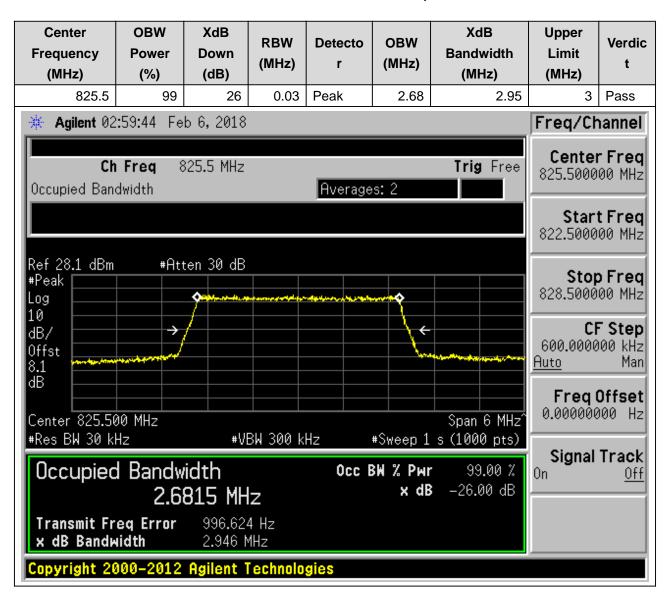
# 8.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



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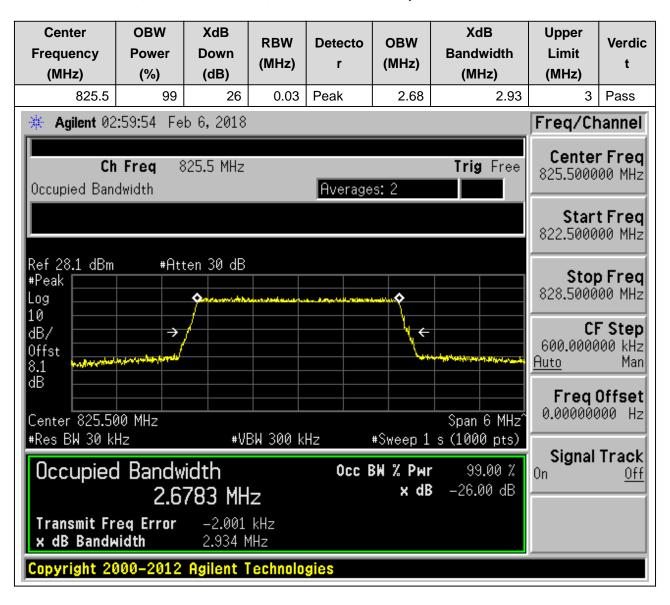
# 8.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



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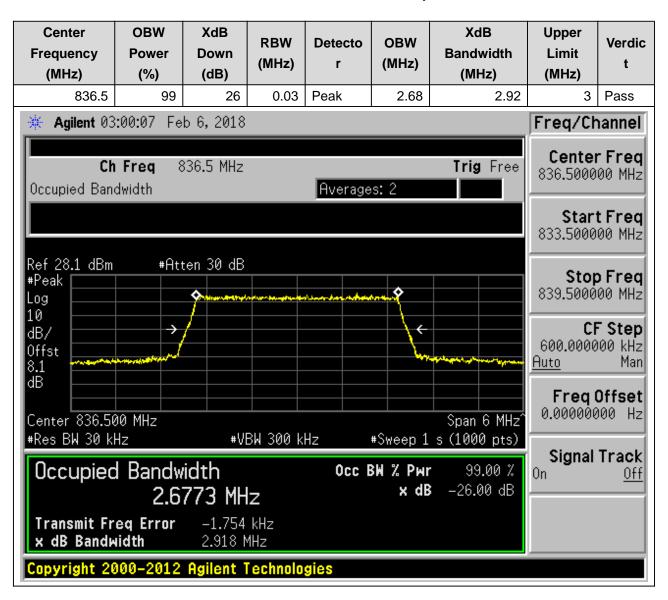
# 8.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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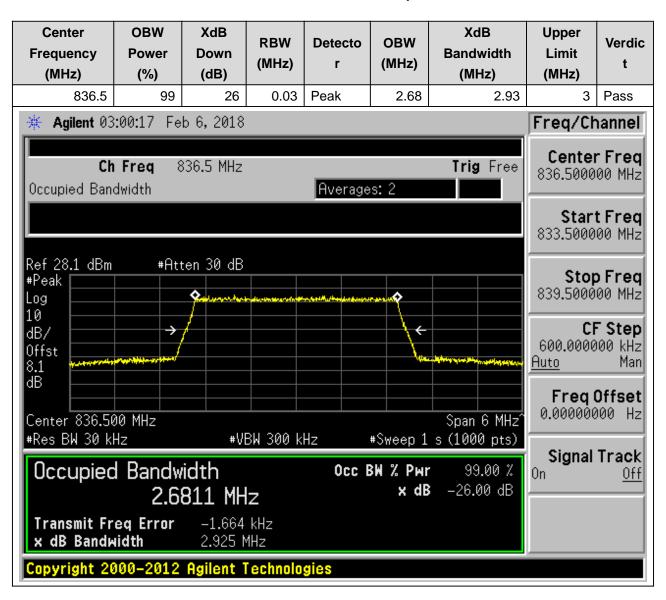
# 8.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



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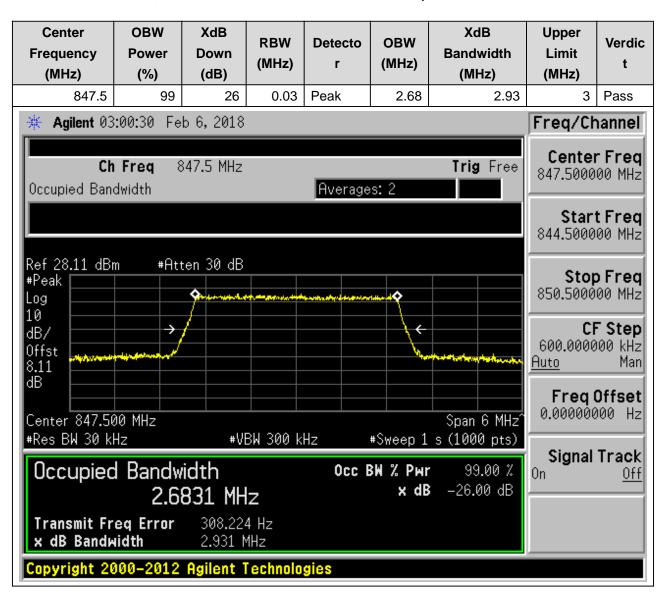
# 8.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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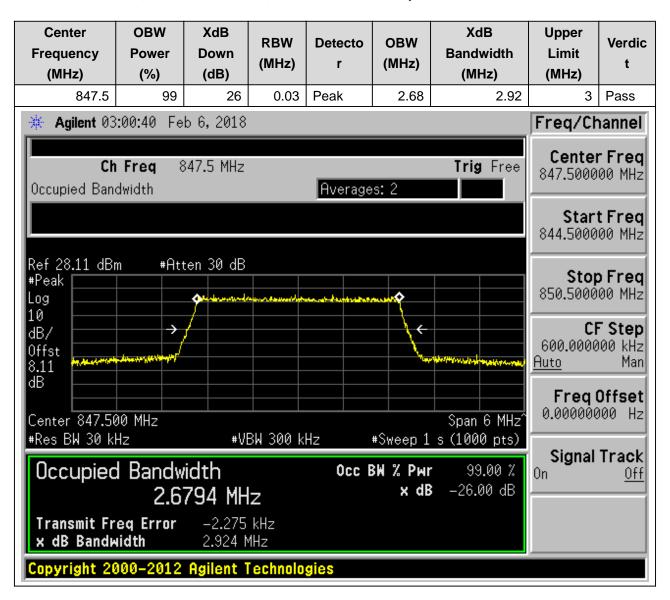
# 8.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



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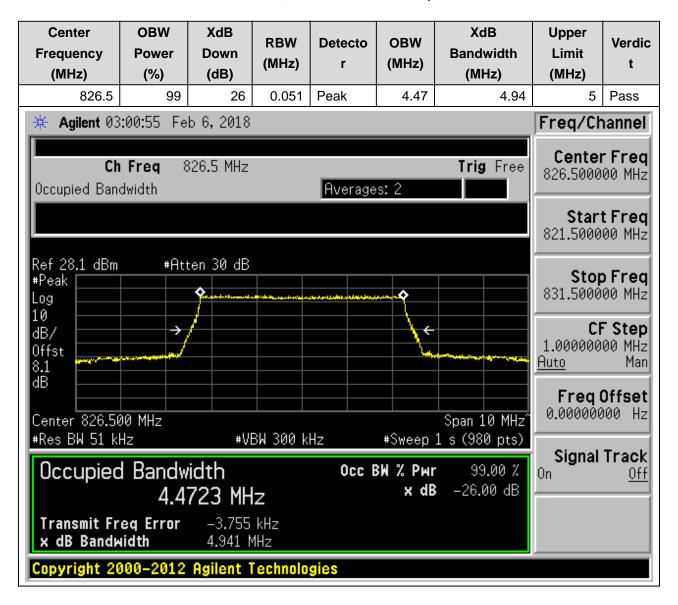
# 8.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



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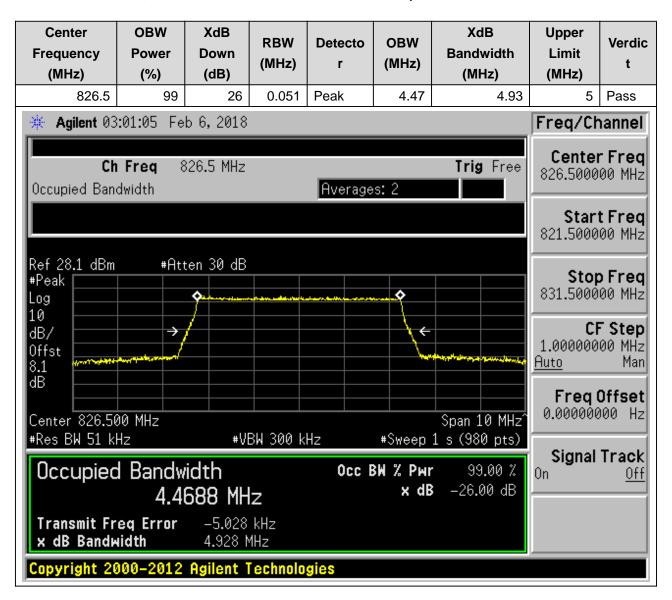
# 8.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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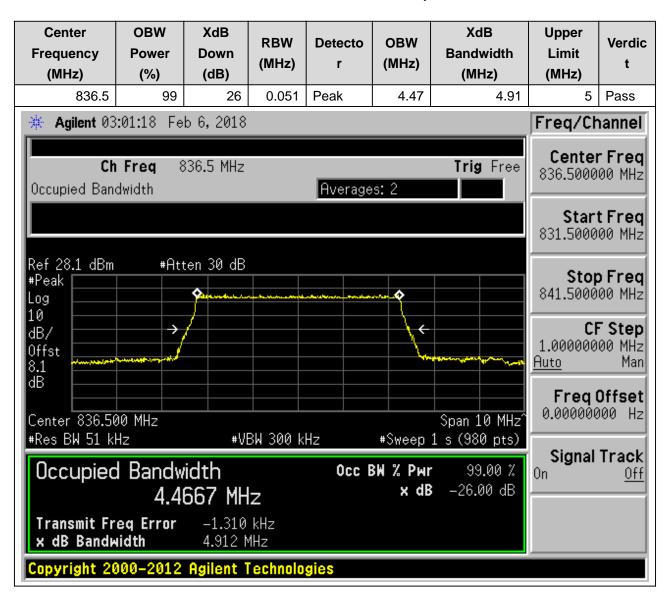
# 8.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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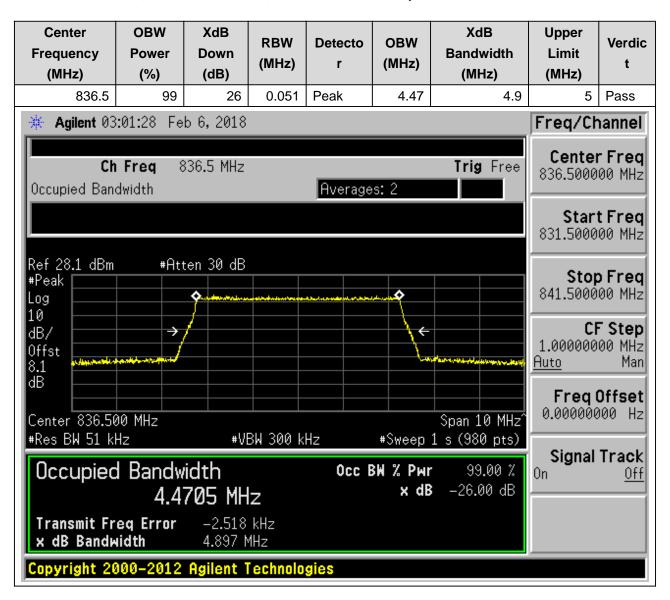
# 8.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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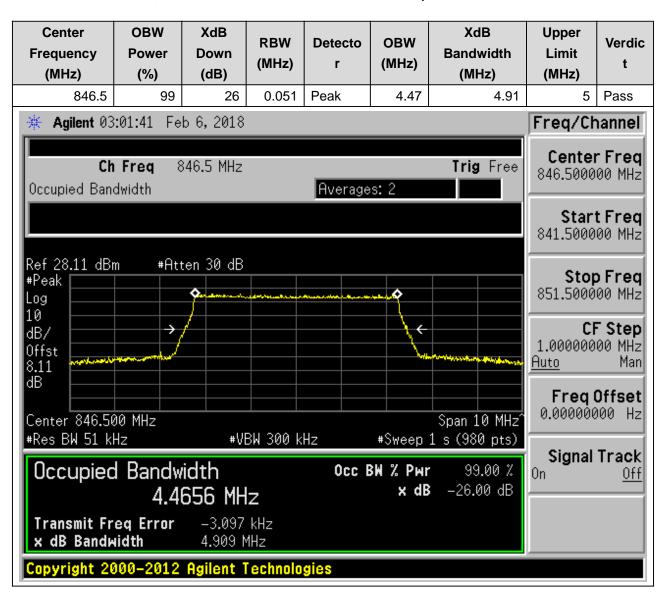
# 8.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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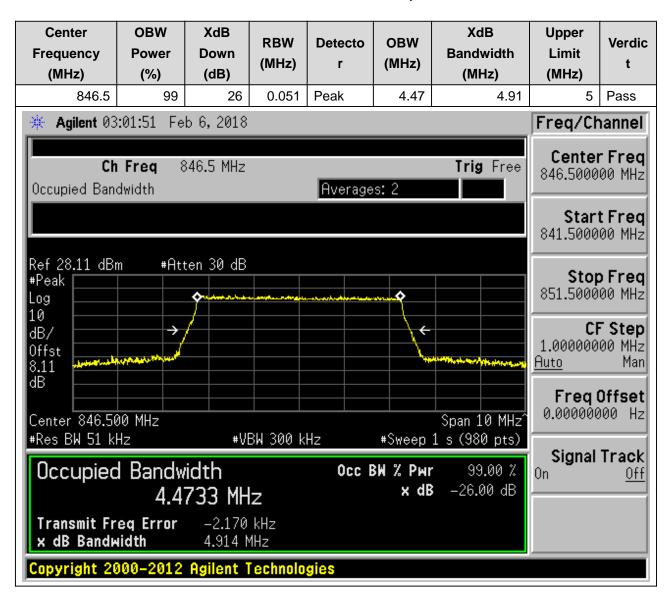
# 8.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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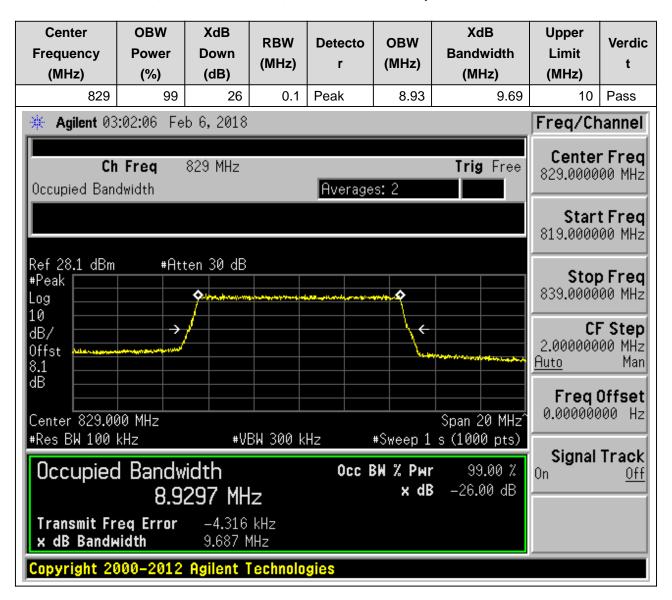
# 8.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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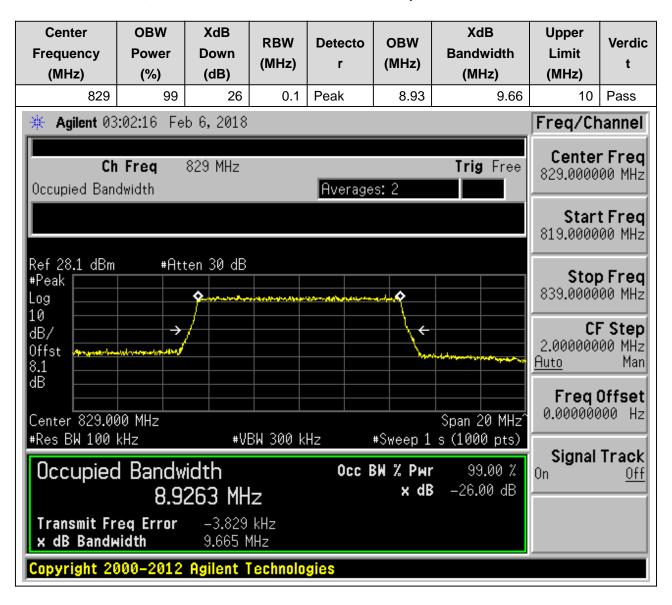
# 8.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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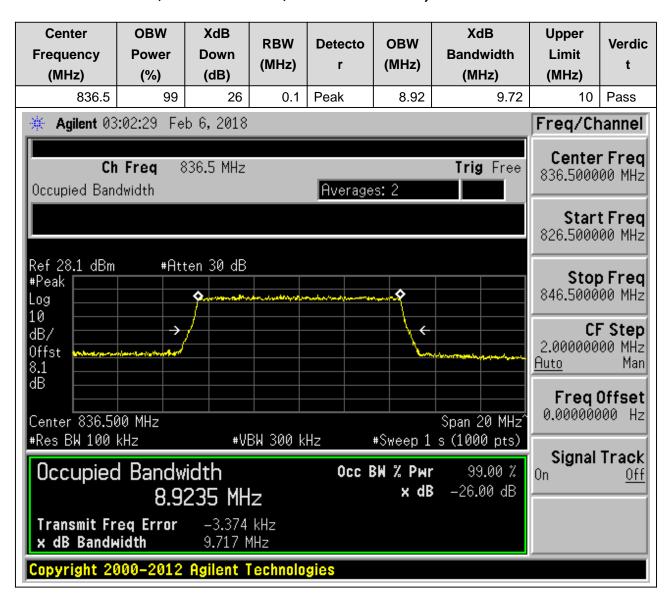
# 8.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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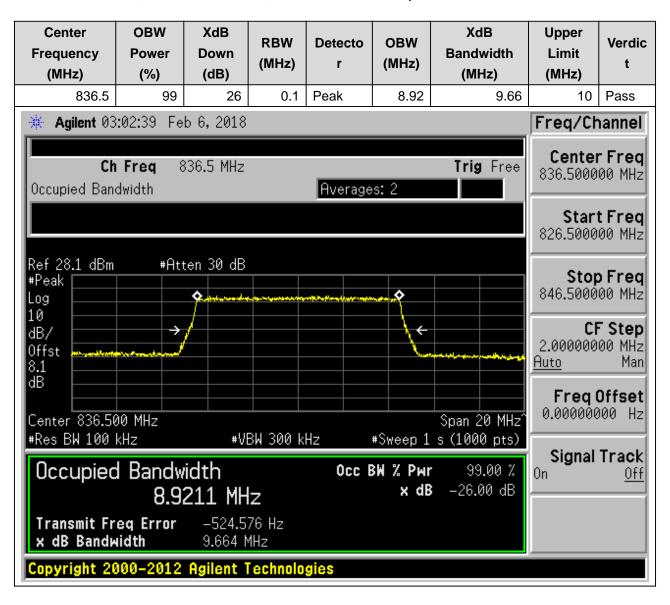
# 8.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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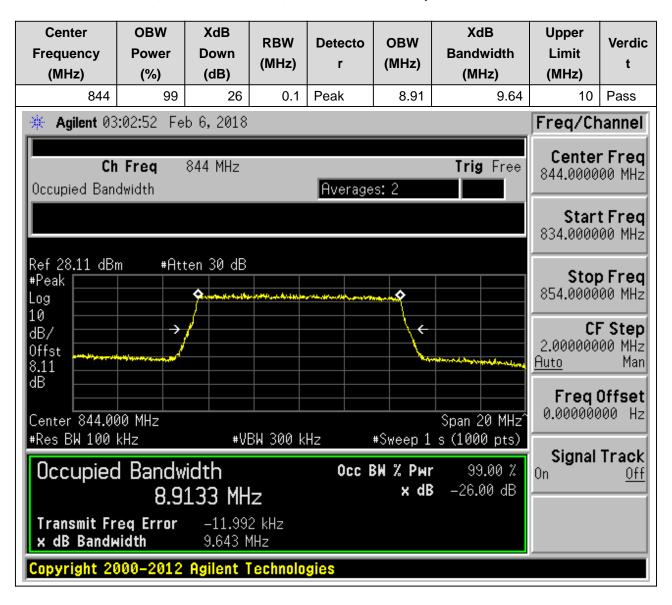
# 8.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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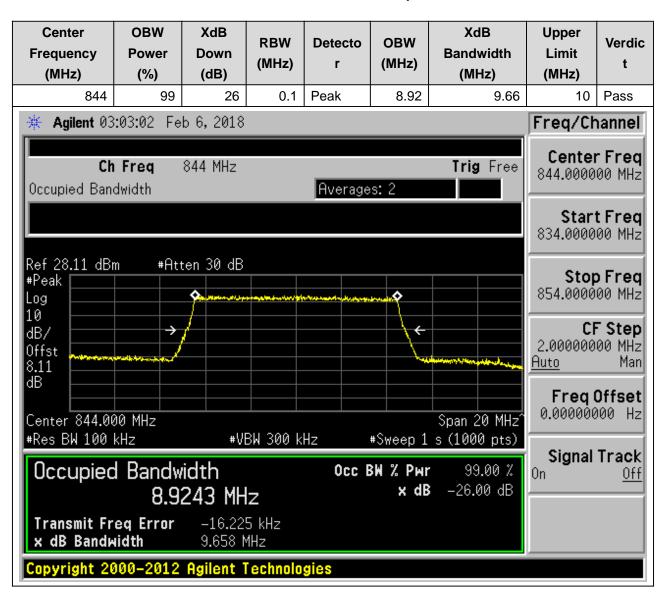
# 8.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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# 8.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

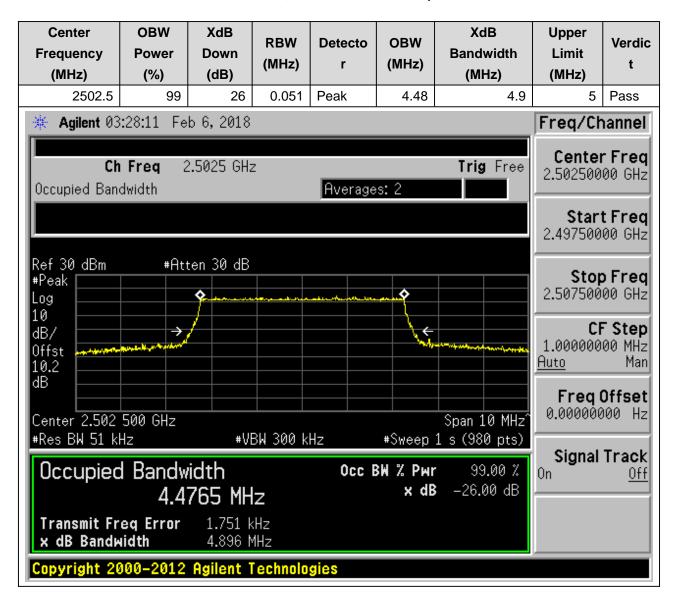


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### 9. LTE Band7

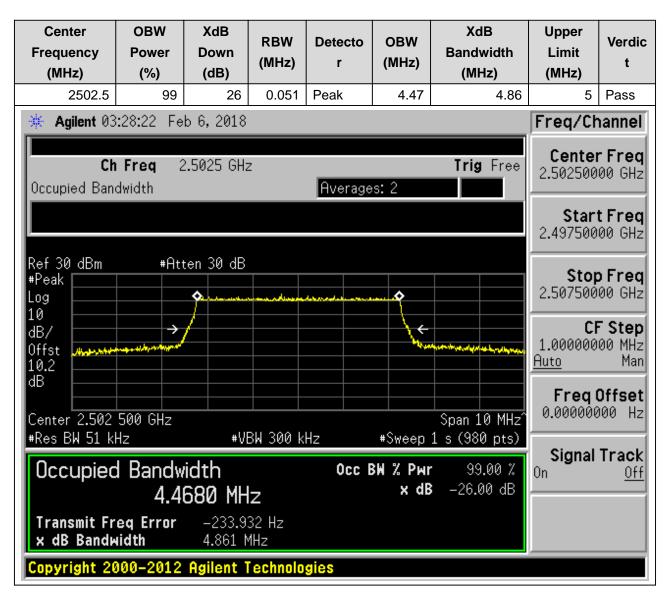
### 9.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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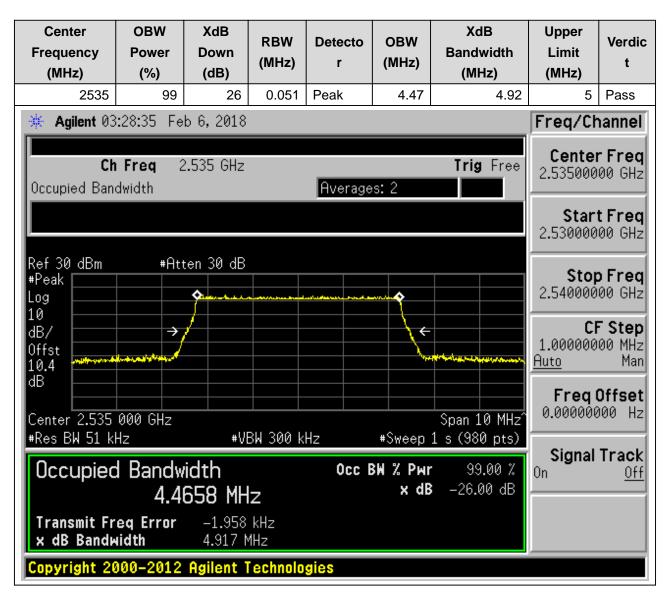
# 9.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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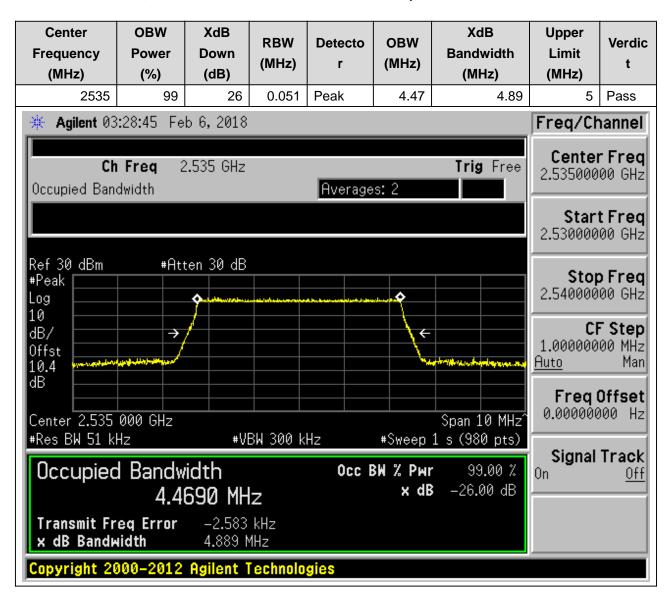
# 9.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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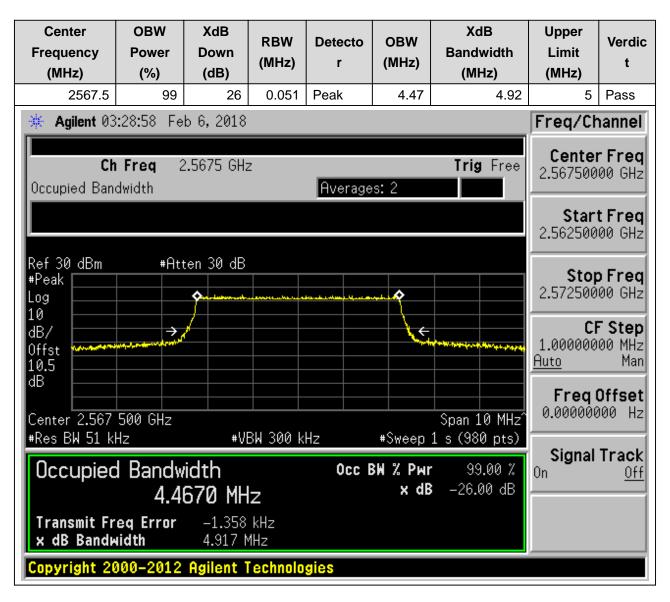
# 9.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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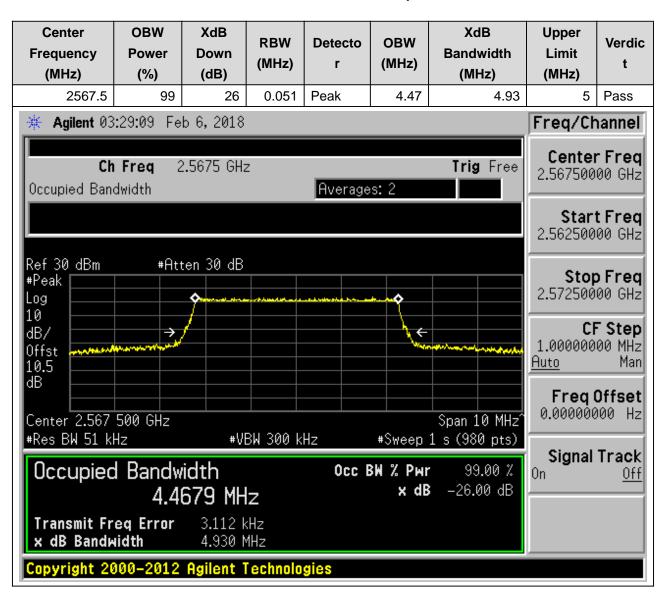
# 9.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



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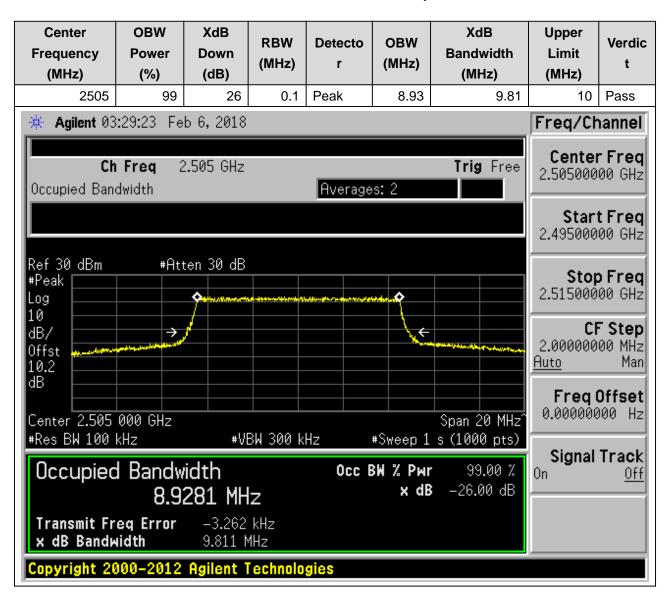
# 9.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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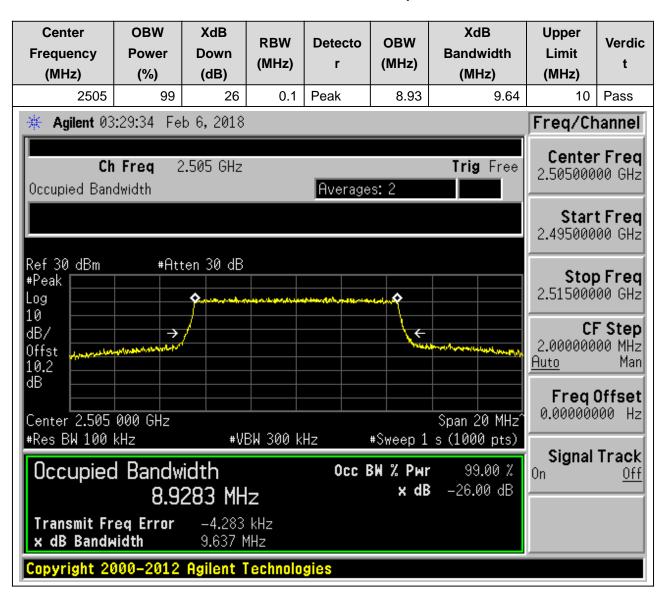
### 9.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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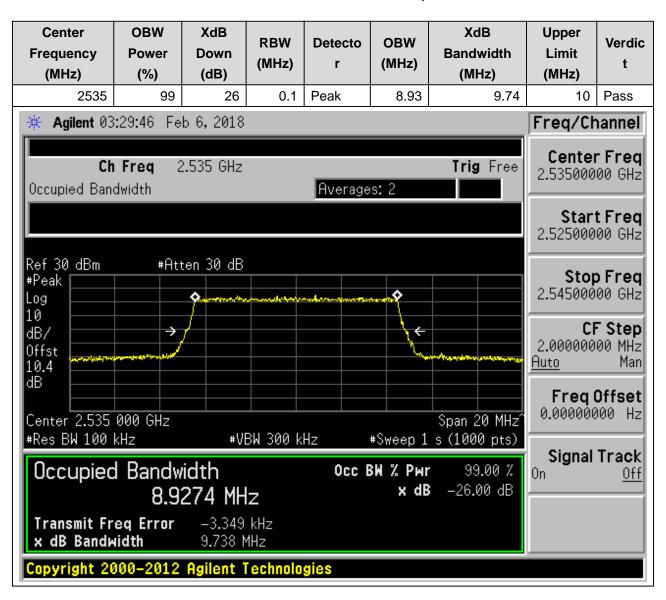
# 9.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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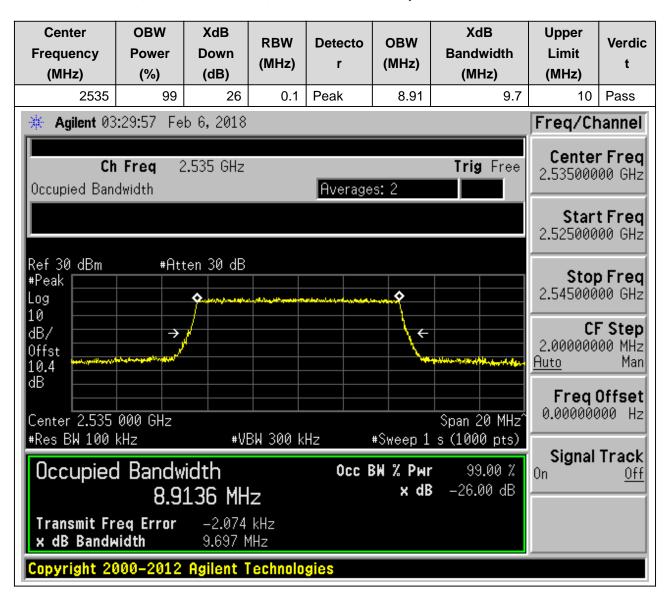
# 9.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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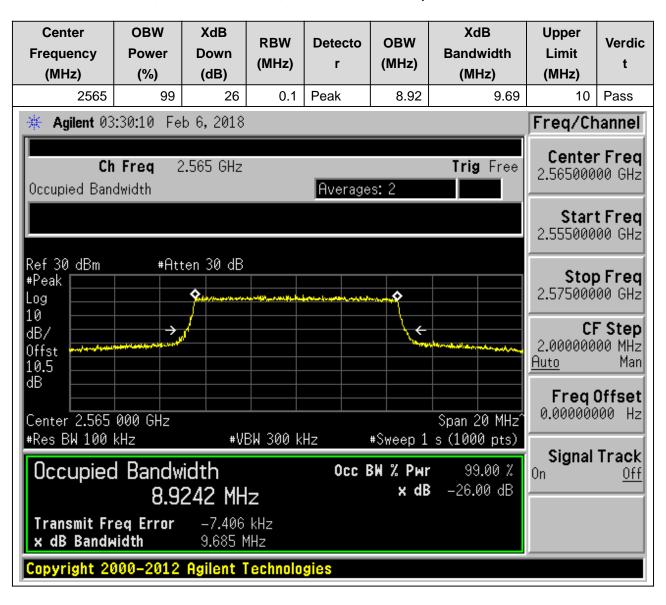
# 9.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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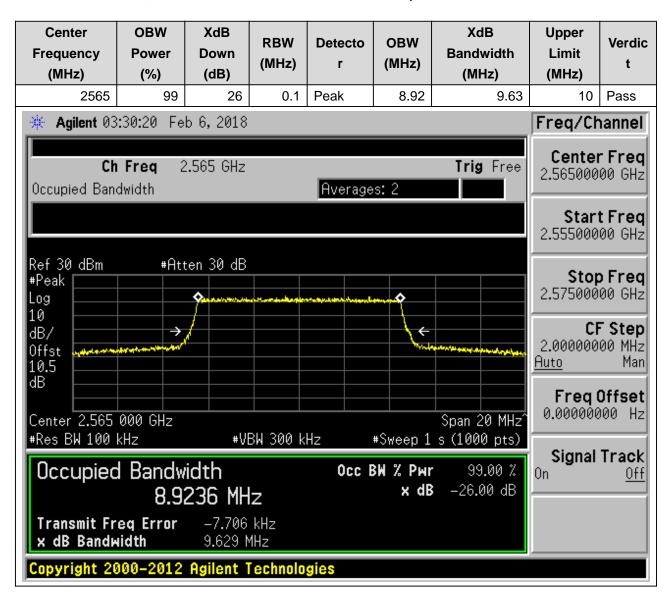
# 9.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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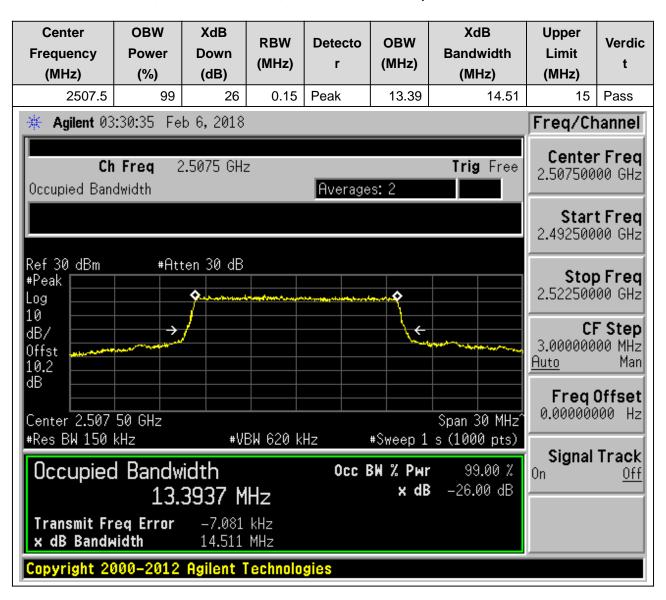
# 9.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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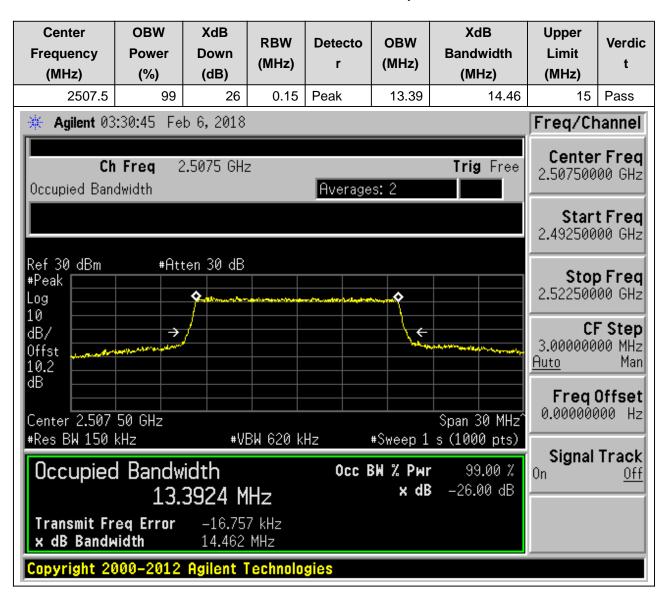
# 9.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



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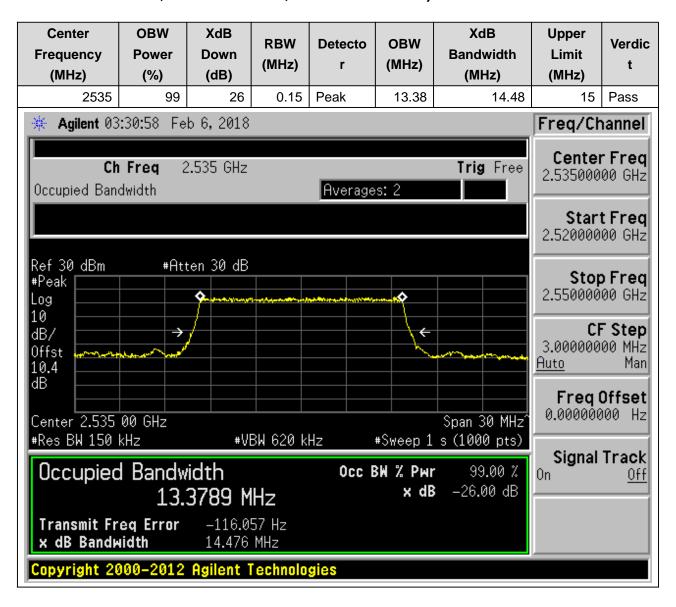
# 9.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



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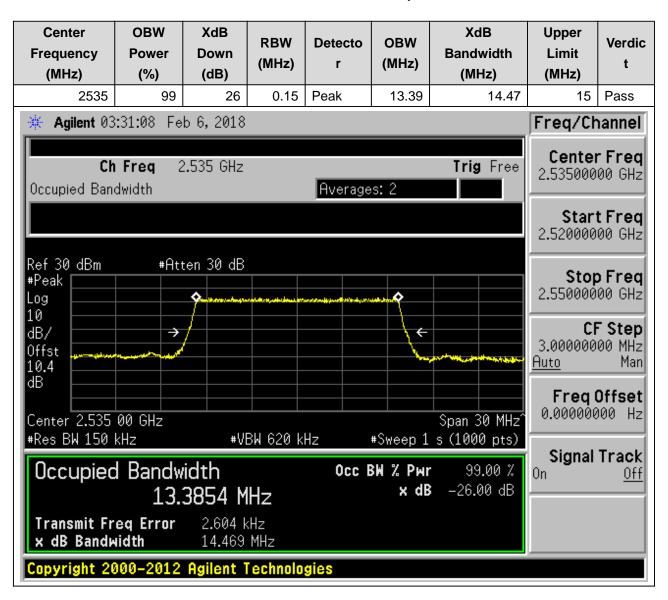
# 9.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



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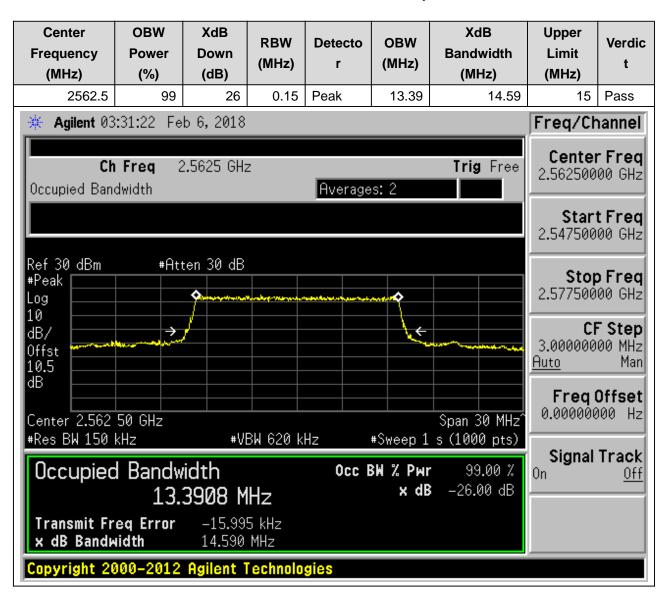
# 9.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



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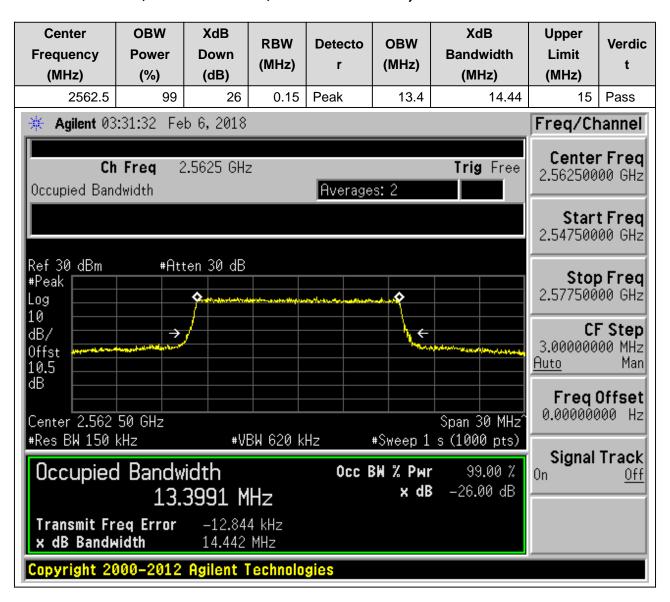
# 9.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



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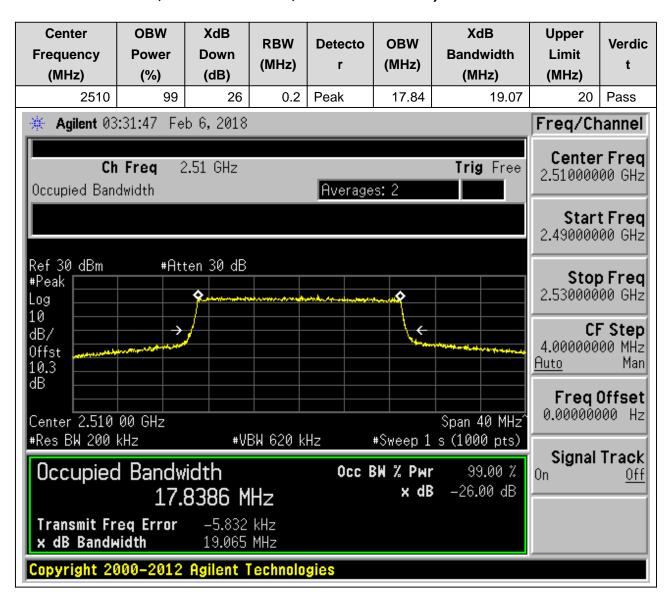
# 9.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



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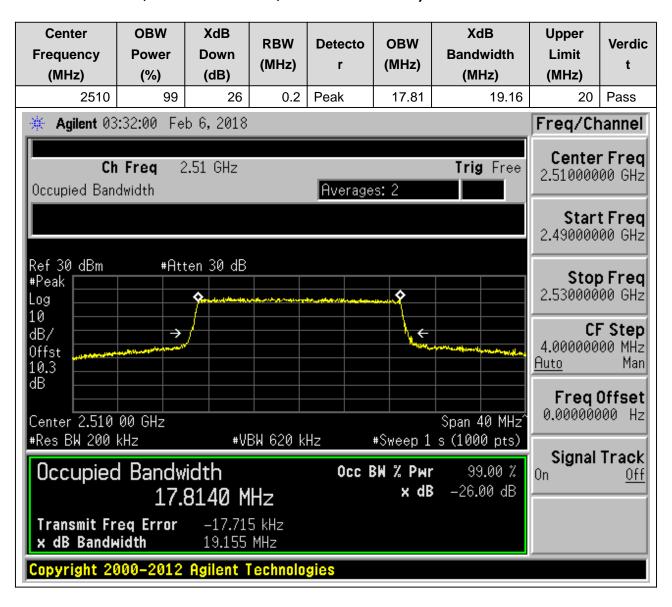
# 9.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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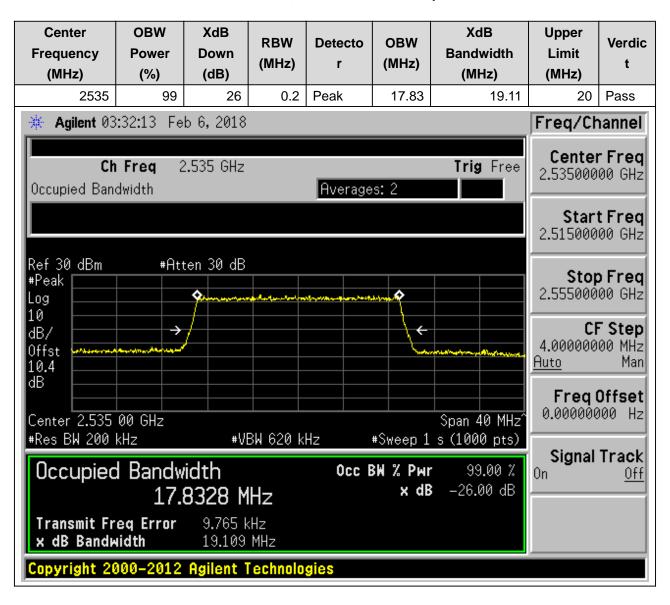
# 9.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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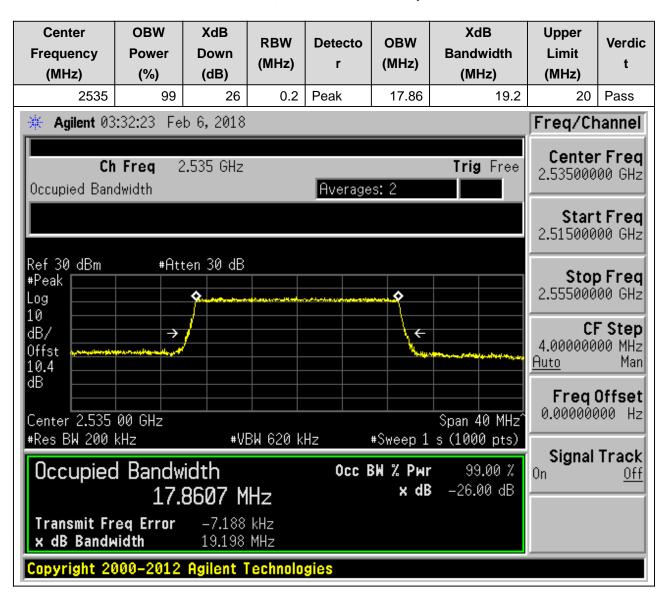
# 9.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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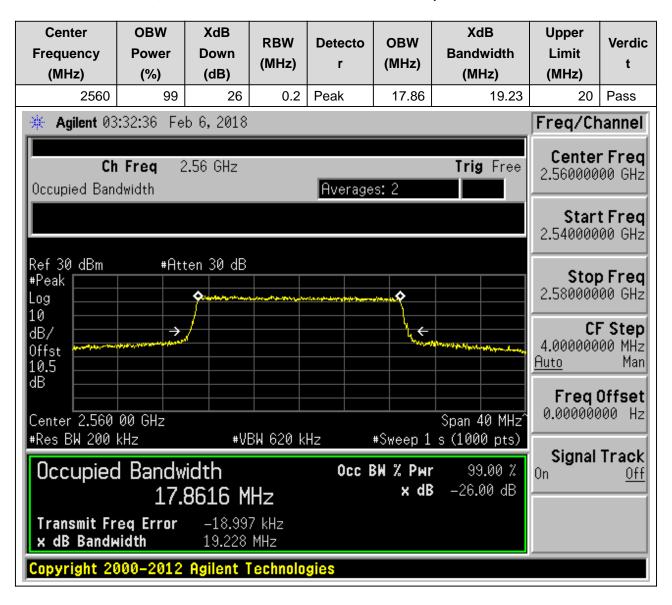
# 9.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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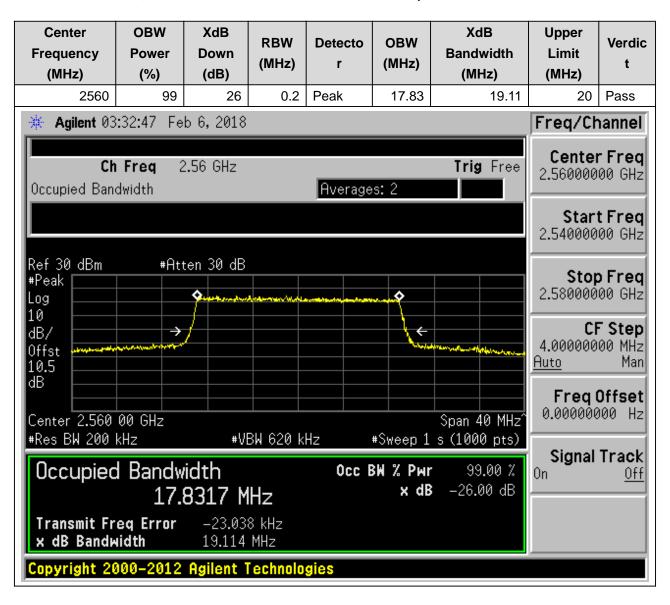
# 9.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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# 9.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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