

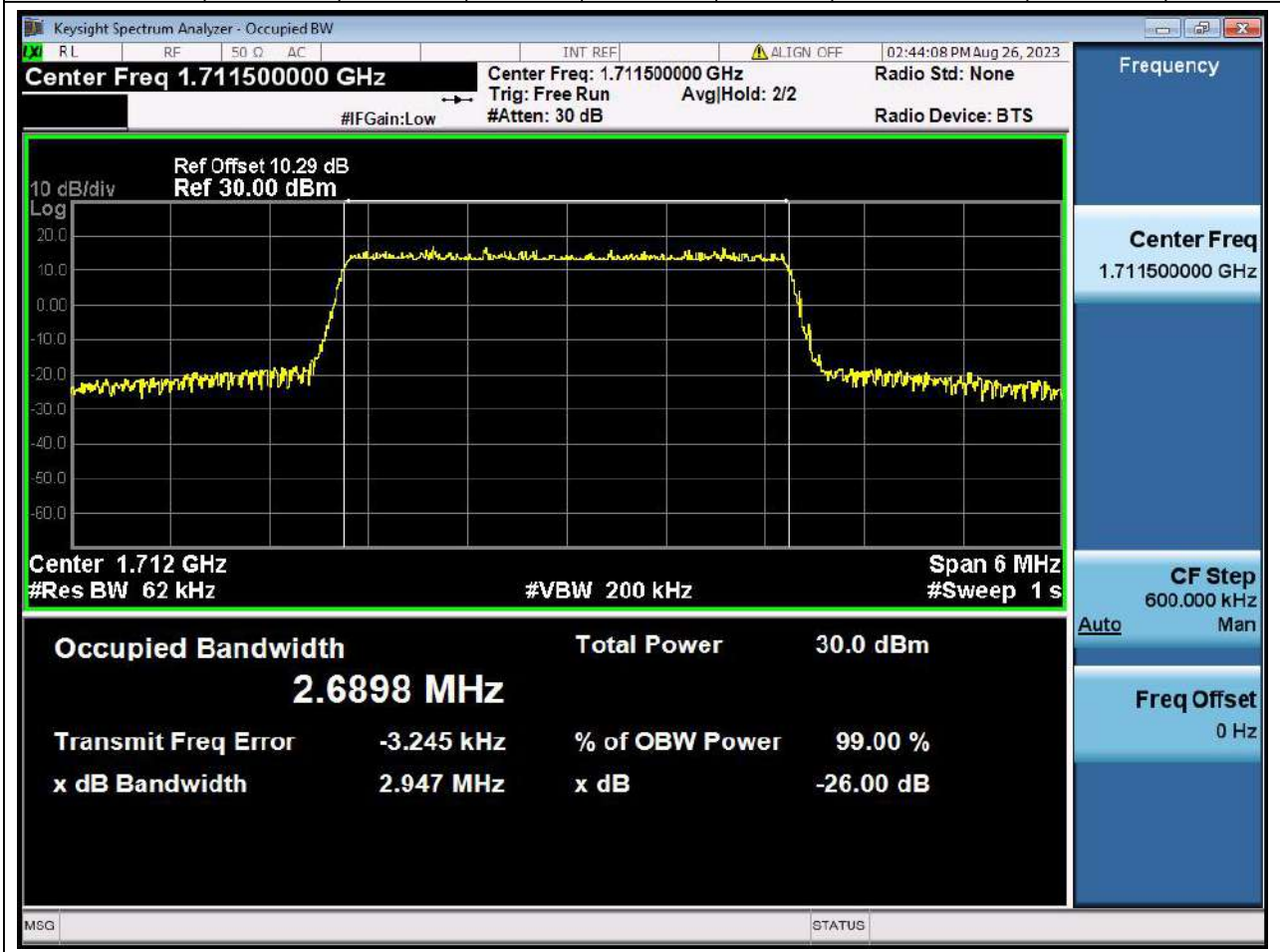
19.7. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.694	2.921	3	Pass



19.8. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:131987, 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	0.062	Peak	2.69	2.947	3	Pass



**19.9. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:132322, 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
1745	99	26	0.062	Peak	2.695	2.933	3	Pass



19.10. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:132322, 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
1745	99	26	0.062	Peak	2.696	2.944	3	Pass



19.11. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:132657, 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
1778.5	99	26	0.062	Peak	2.693	2.935	3	Pass





19.12. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:132657, 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
1778.5	99	26	0.062	Peak	2.692	2.949	3	Pass



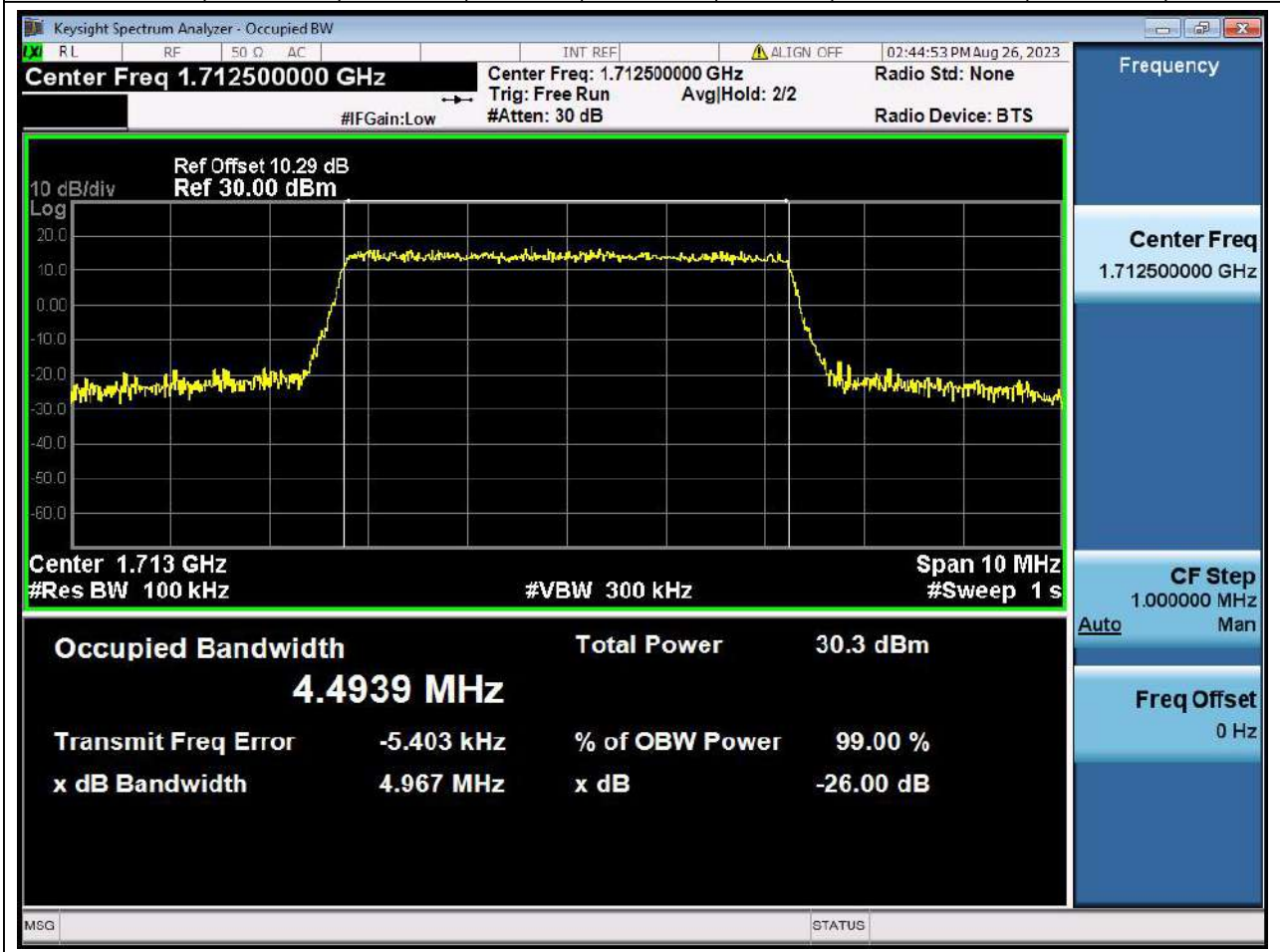
19.13. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.499	4.957	5	Pass



19.14. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

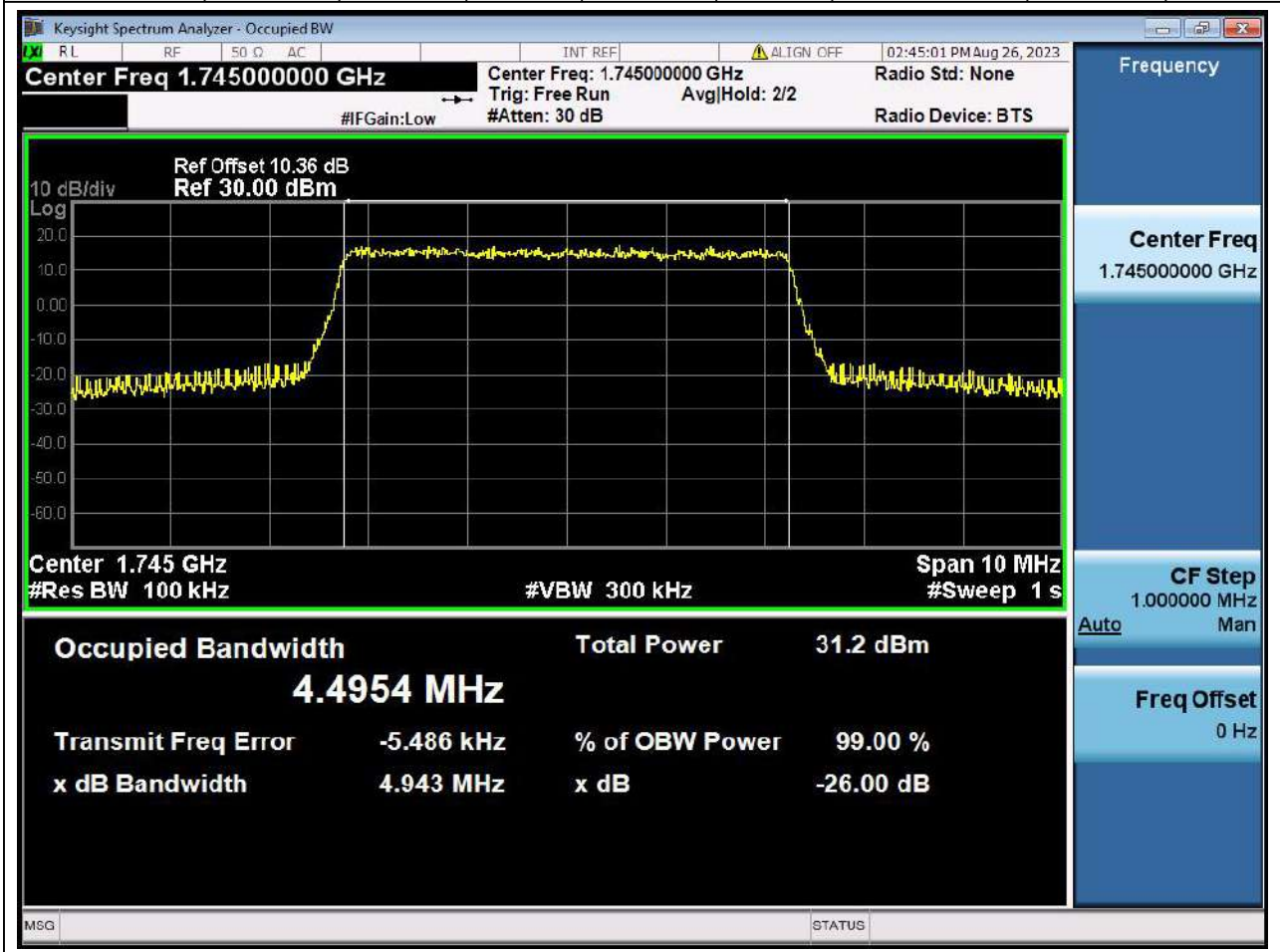
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.494	4.967	5	Pass





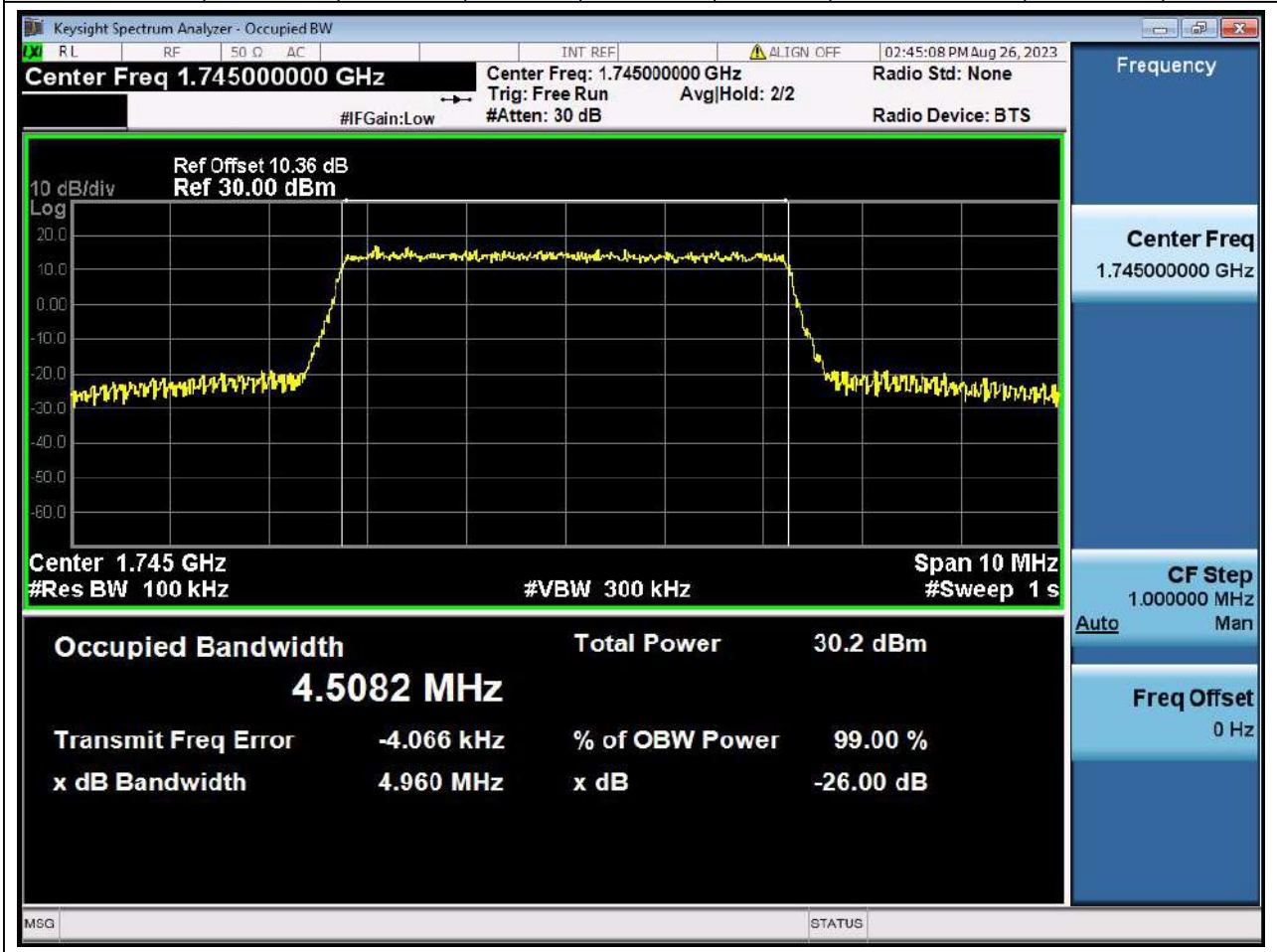
19.15. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.495	4.943	5	Pass



19.16. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:16, Channel:132322, 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
1745	99	26	0.1	Peak	4.508	4.96	5	Pass



19.17. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:17, Channel:132647, 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
1777.5	99	26	0.1	Peak	4.496	4.974	5	Pass



19.18. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:132647, 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
1777.5	99	26	0.1	Peak	4.502	4.97	5	Pass



19.19. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

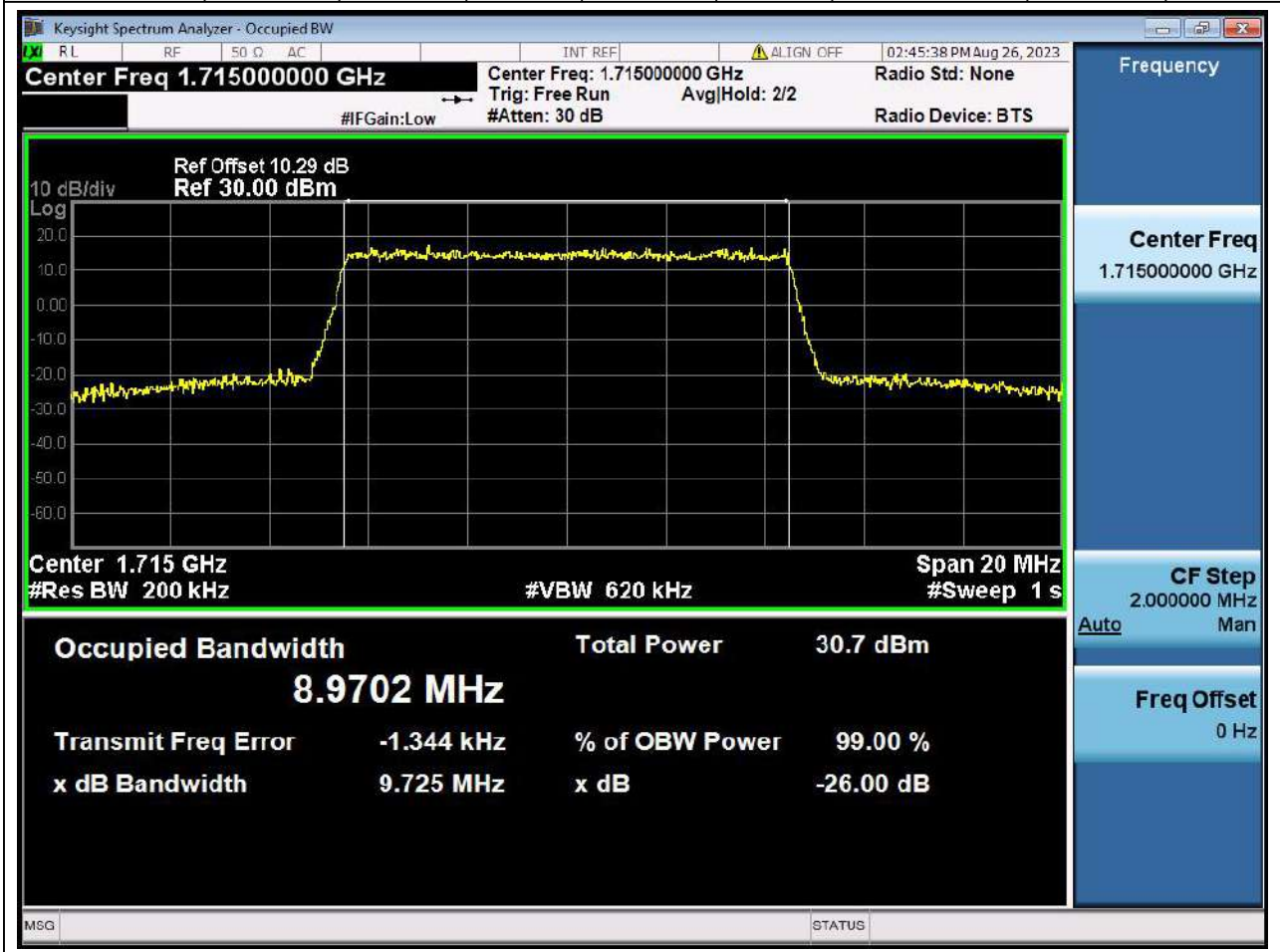
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.979	9.857	10	Pass





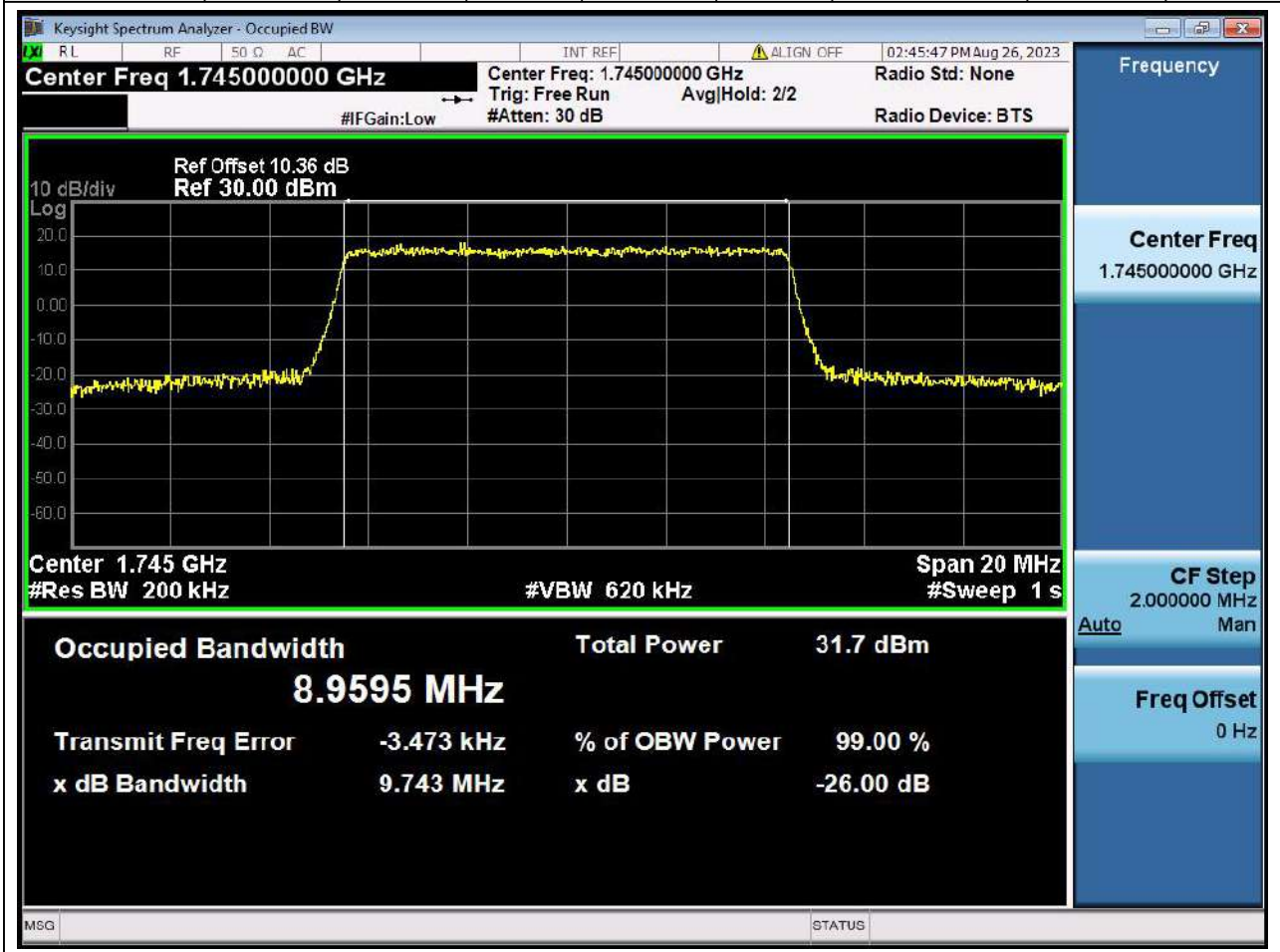
19.20. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.97	9.725	10	Pass



19.21. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:132322, 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
1745	99	26	0.2	Peak	8.96	9.743	10	Pass



19.22. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:132322, 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
1745	99	26	0.2	Peak	8.976	9.765	10	Pass



19.23. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:132622, 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
1775	99	26	0.2	Peak	8.994	9.748	10	Pass



19.24. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:132622, 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
1775	99	26	0.2	Peak	8.988	9.868	10	Pass





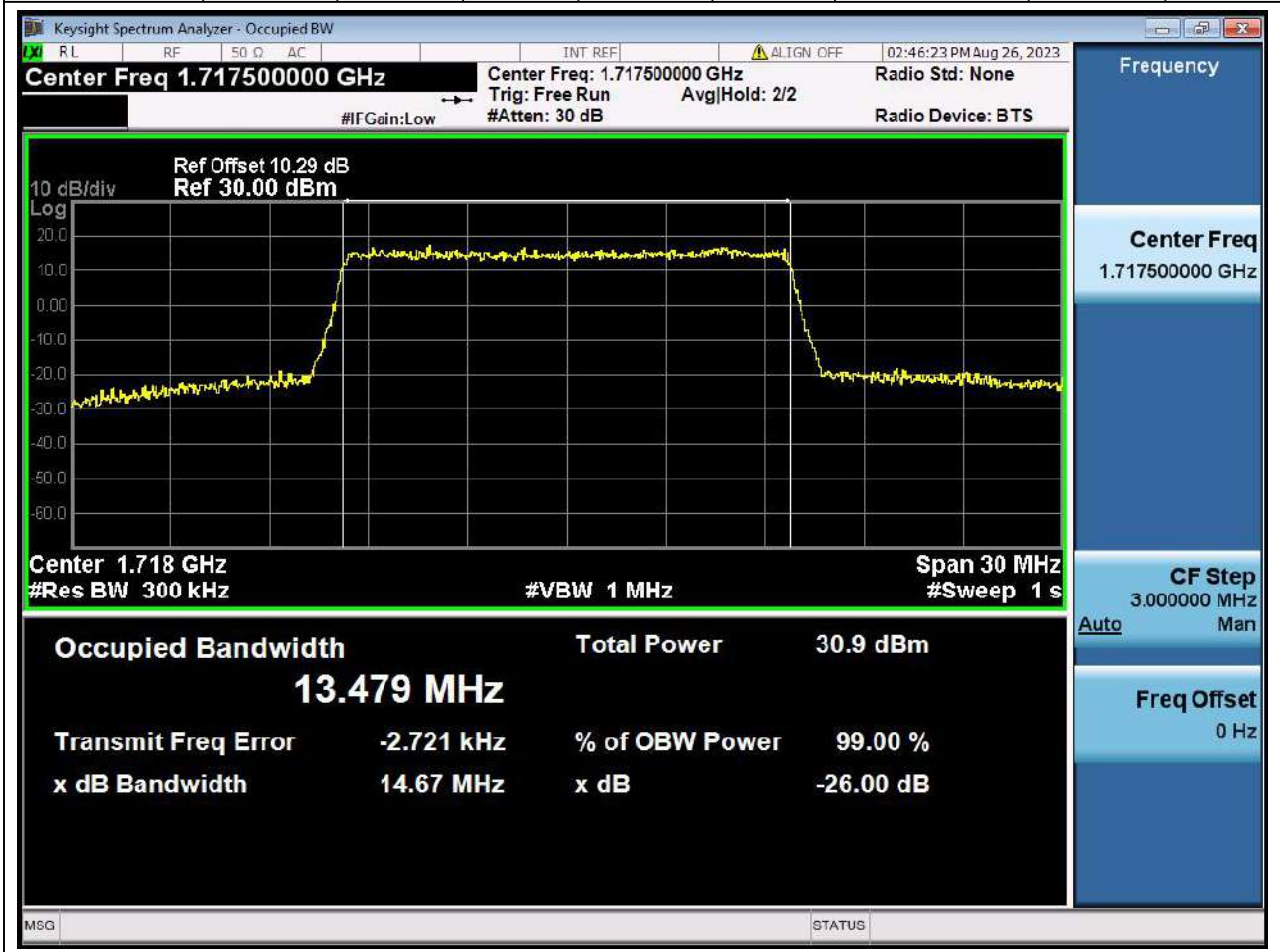
**19.25. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.475	14.746	15	Pass



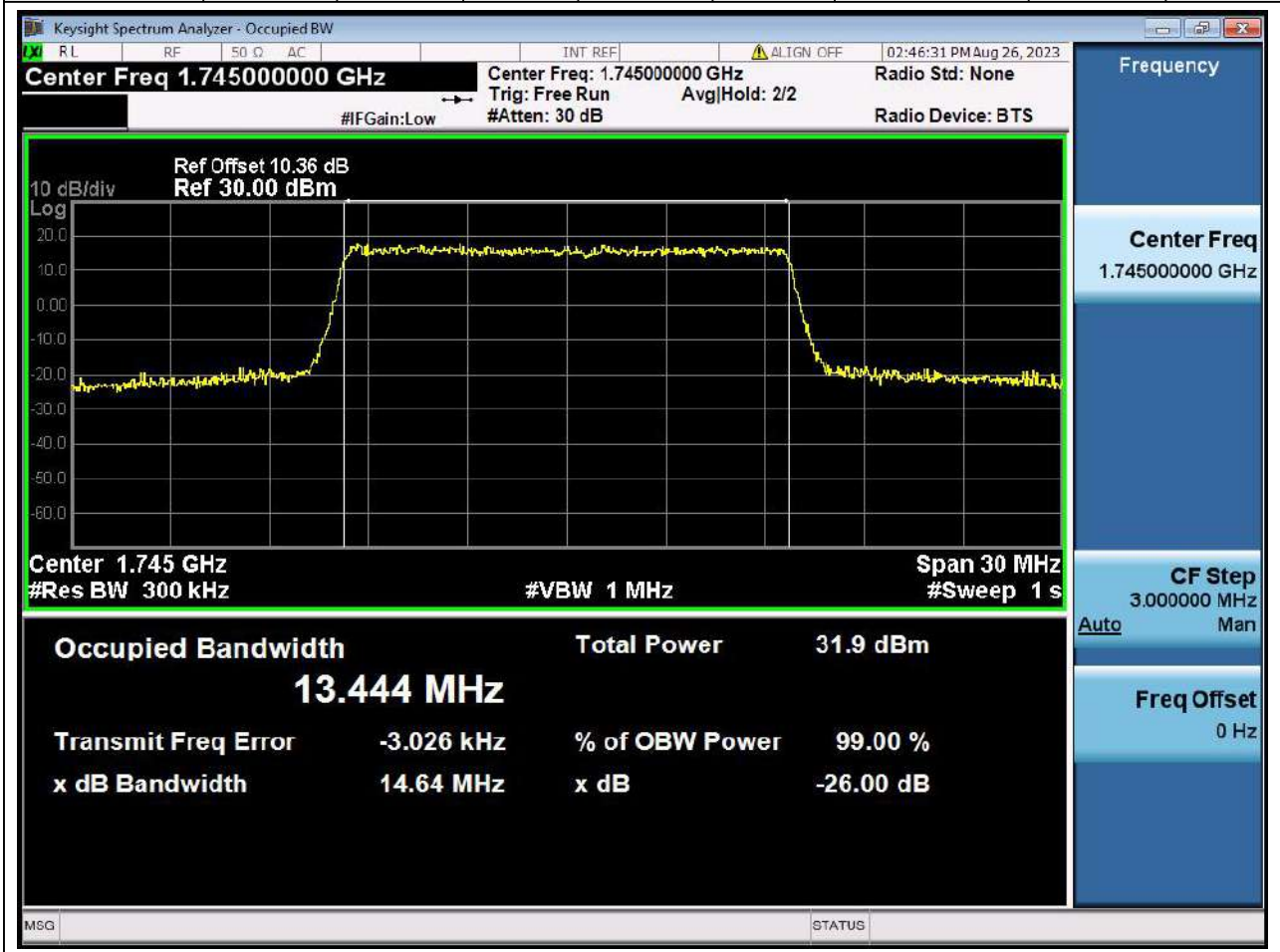
19.26. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.479	14.669	15	Pass



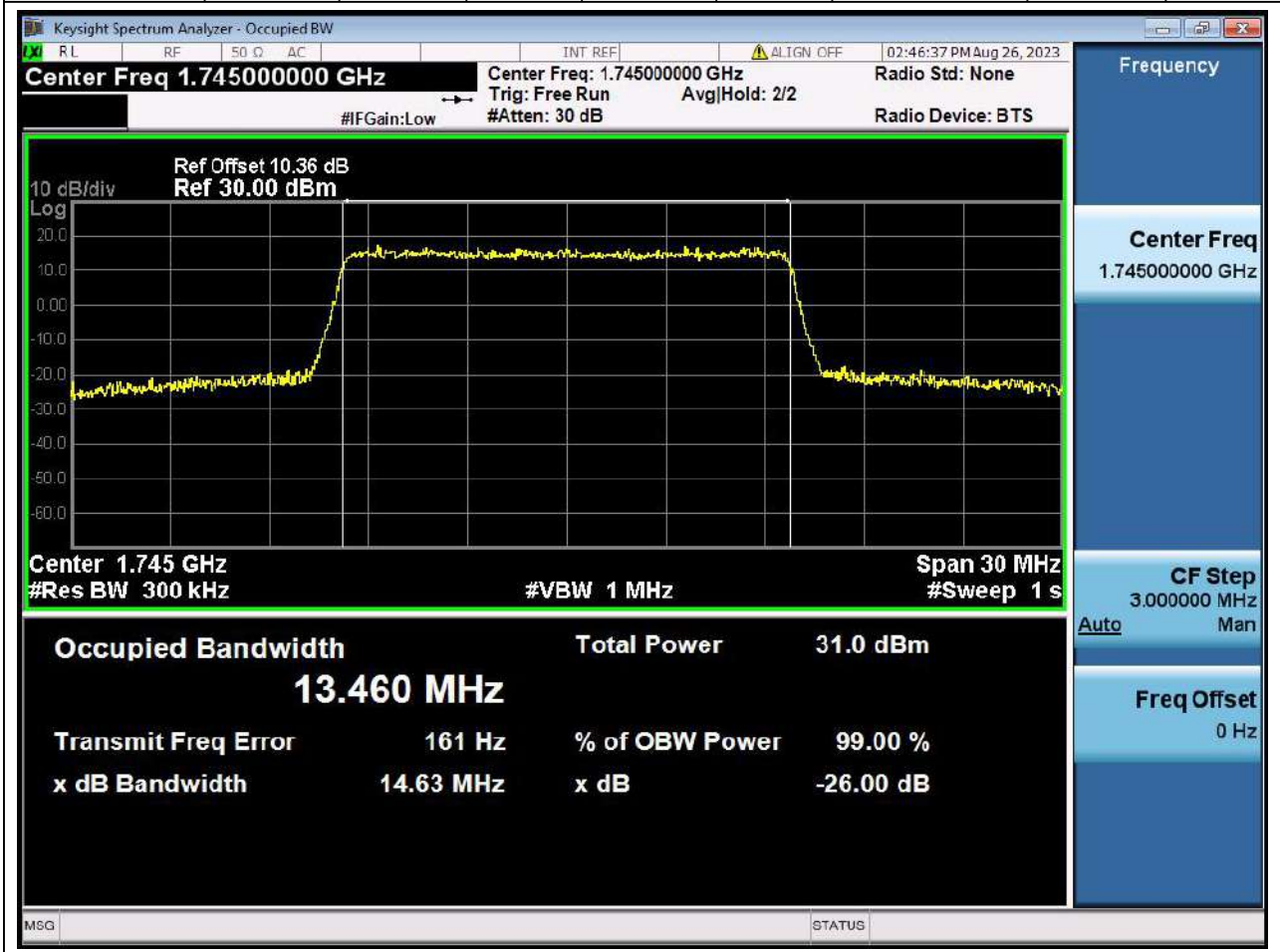
19.27. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.3	Peak	13.444	14.643	15	Pass



19.28. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:28, Channel:132322, 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
1745	99	26	0.3	Peak	13.46	14.628	15	Pass



19.29. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

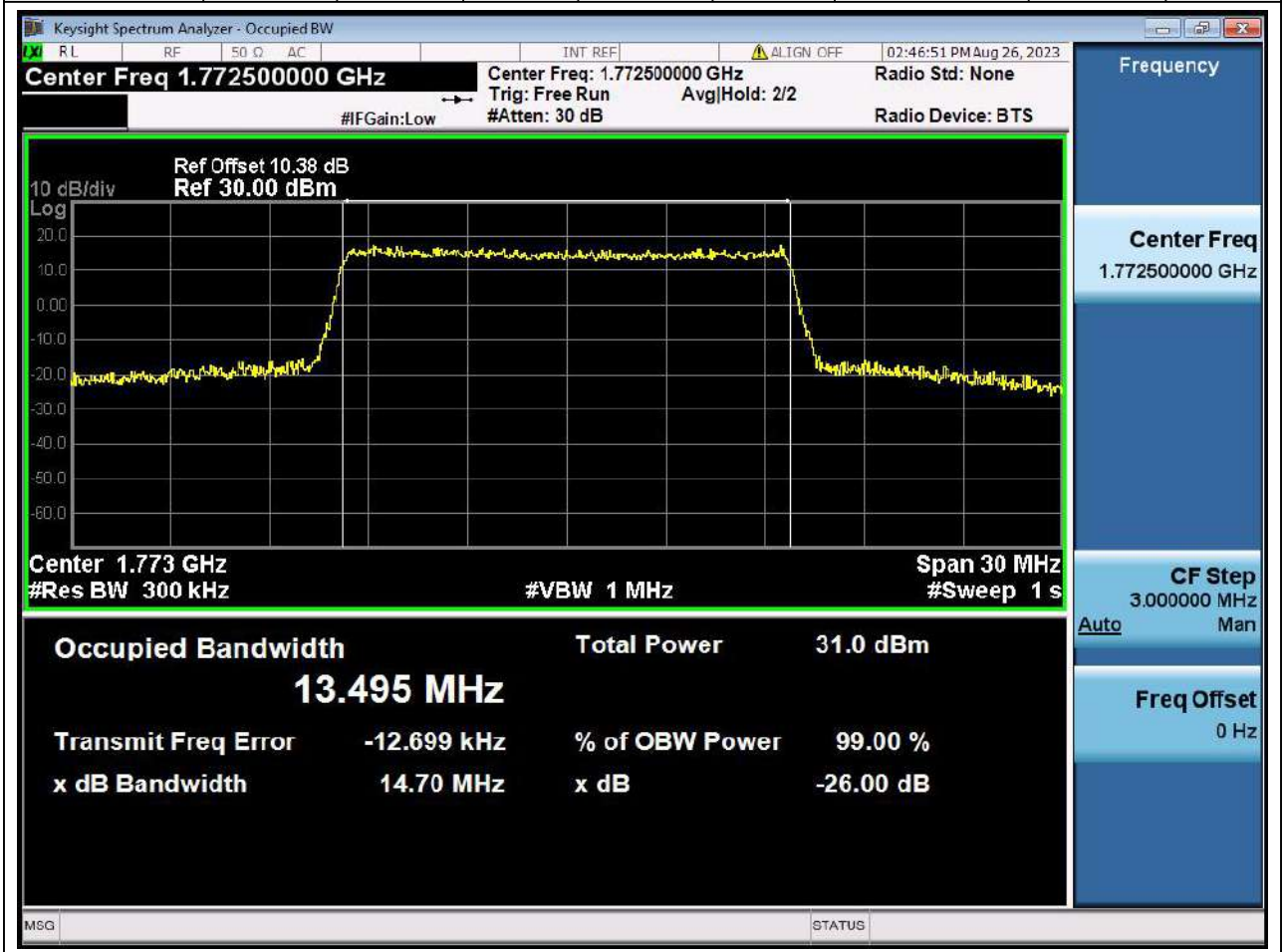
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.3	Peak	13.479	14.702	15	Pass





19.30. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:30, Channel:132597, 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
1772.5	99	26	0.3	Peak	13.495	14.703	15	Pass



19.31. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:31, Channel:132072, 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	0.39	Peak	17.945	19.37	20	Pass



**19.32. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:32, Channel:132072, 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	0.39	Peak	17.953	19.469	20	Pass



**19.33. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:33, Channel:132322, 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	0.39	Peak	17.936	19.404	20	Pass



**19.34. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

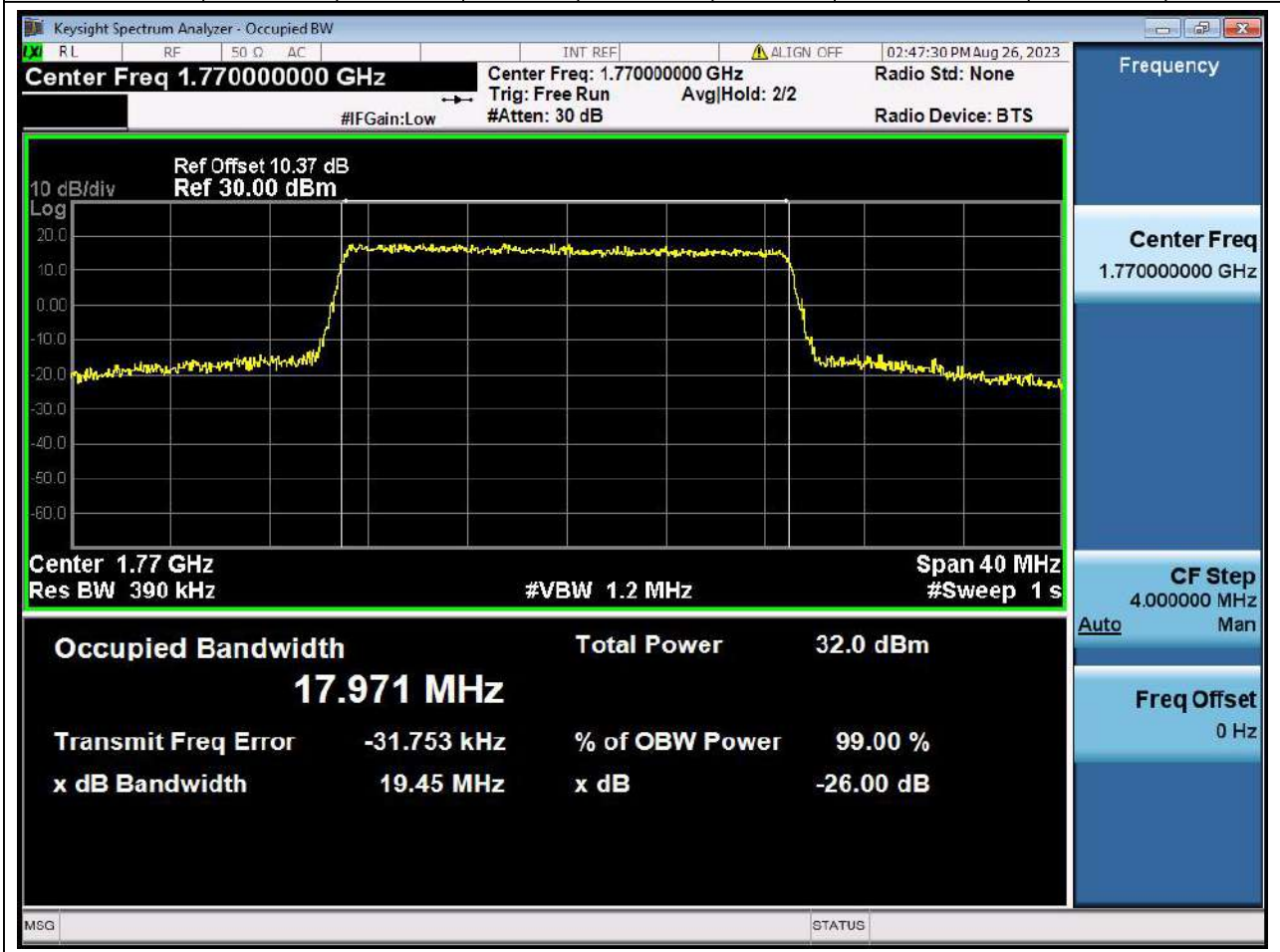
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.957	19.49	20	Pass





**19.35. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:35, Channel:132572, 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
1770	99	26	0.39	Peak	17.971	19.453	20	Pass



19.36. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:36, Channel:132572, 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
1770	99	26	0.39	Peak	17.95	19.404	20	Pass



## 20. CA\_7C

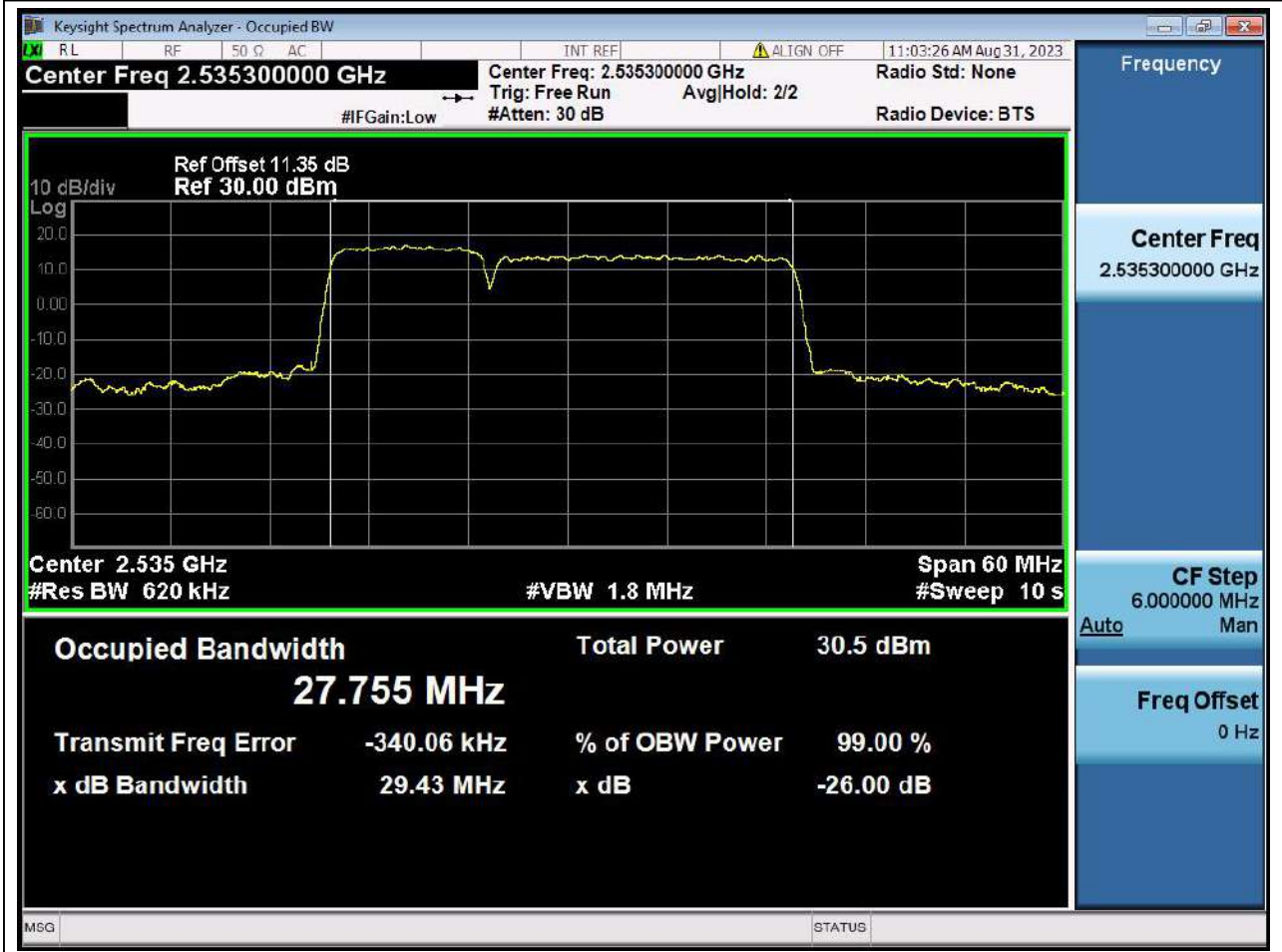
20.1. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1,  
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.83	29.58	30	Pass



**20.2. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2,  
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.3	99	26	0.62	Peak	27.75	29.43	30	Pass



**20.3. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3,  
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.83	29.64	30	Pass





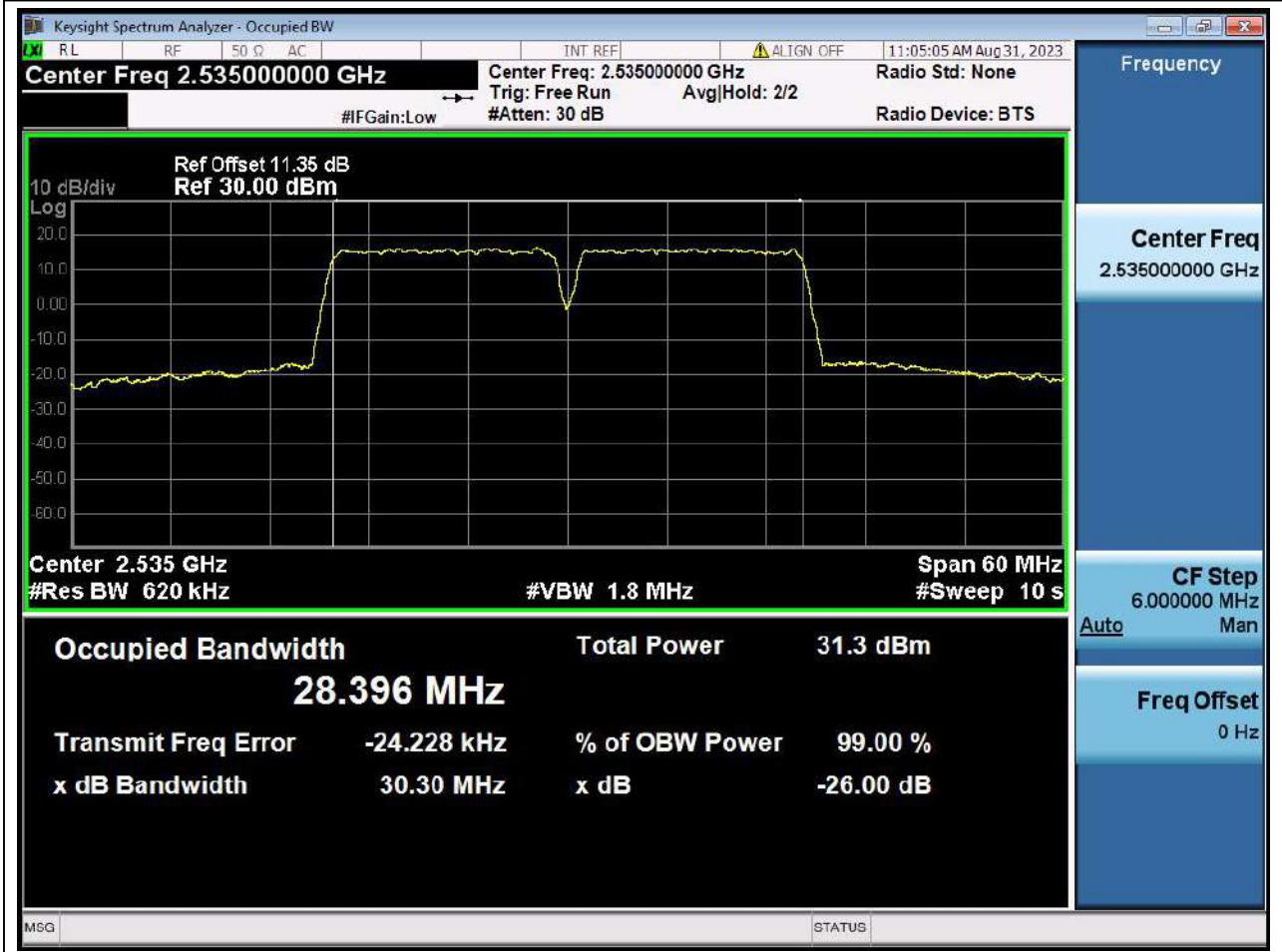
**20.4. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4,  
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.8	99	26	0.62	Peak	27.79	29.45	30	Pass



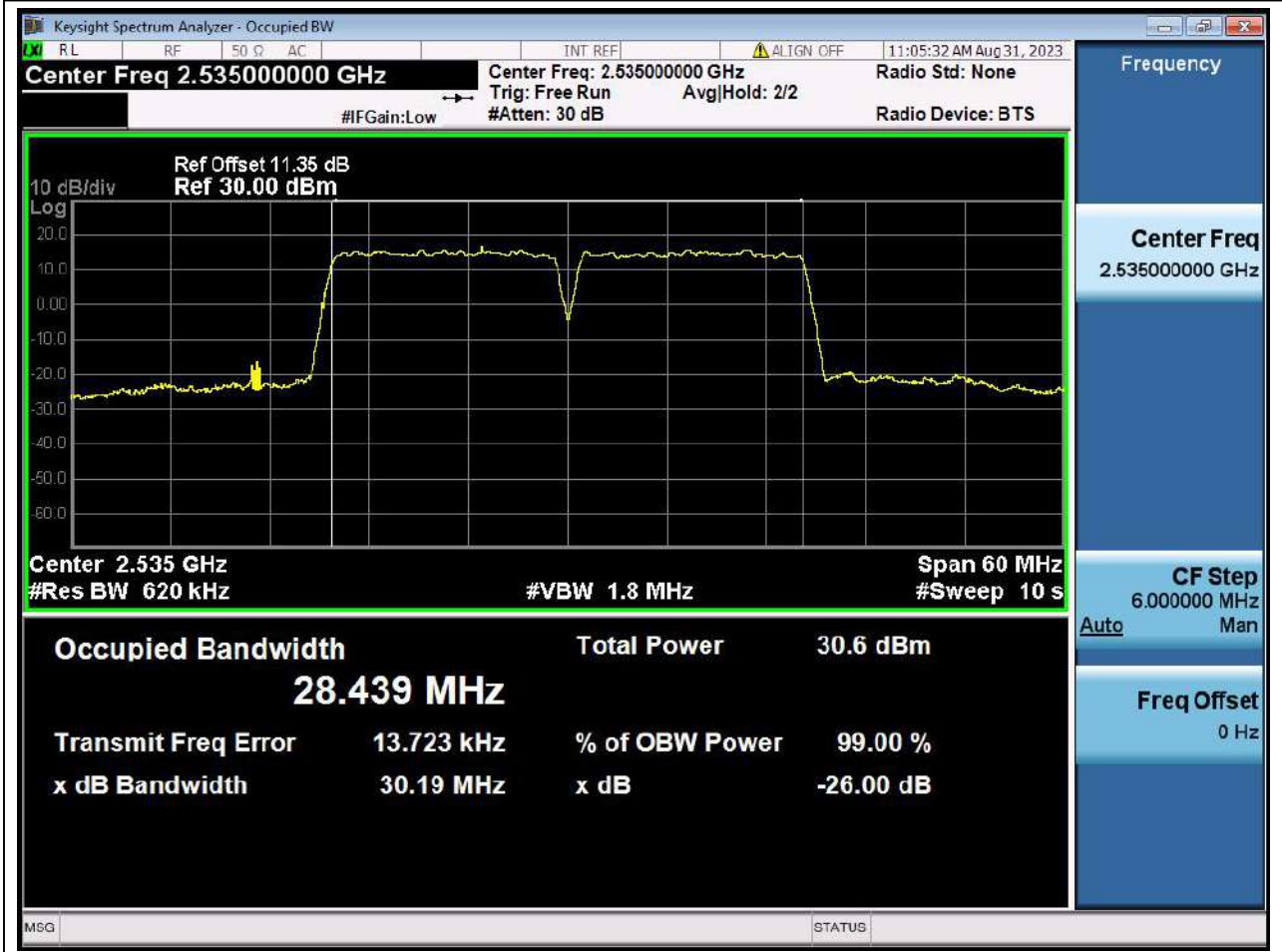
**20.5. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5,  
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.4	30.3	30	Pass



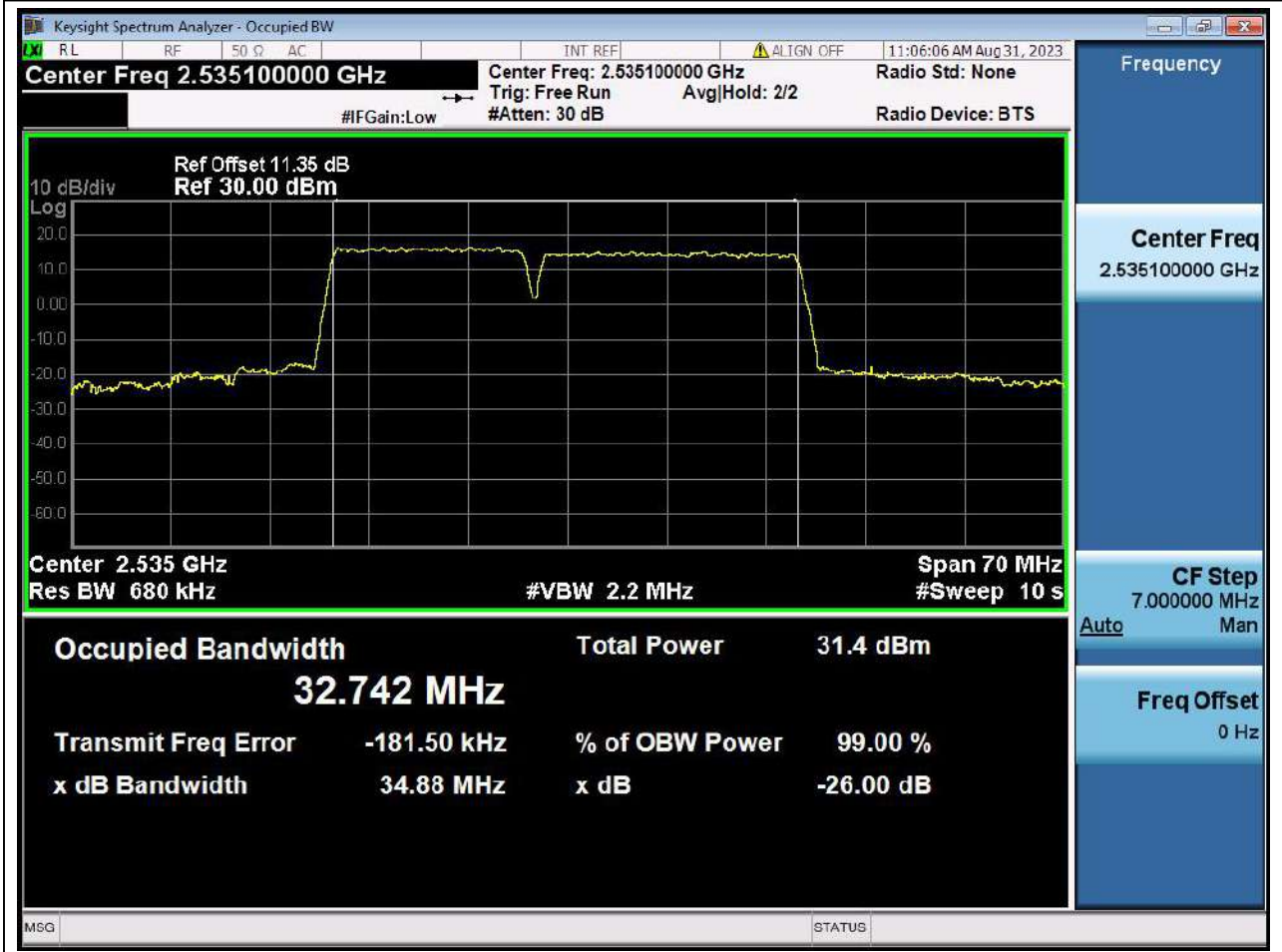
20.6. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6,  
 Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB  
 Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.62	Peak	28.44	30.19	30	Pass



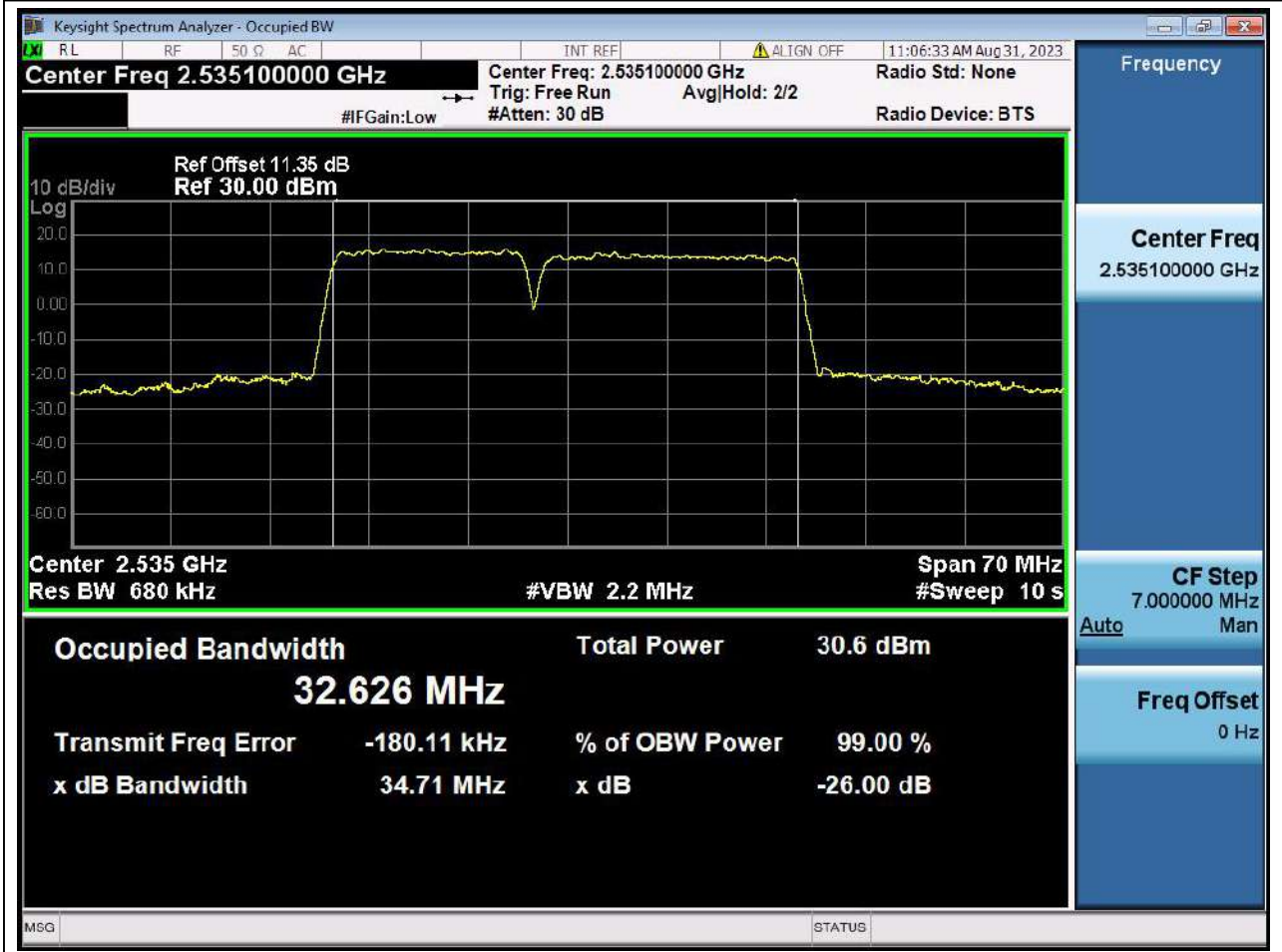
20.7. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7,  
 Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB  
 Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.74	34.88	35	Pass



20.8. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8,  
 Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB  
 Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535.1	99	26	0.68	Peak	32.63	34.71	35	Pass





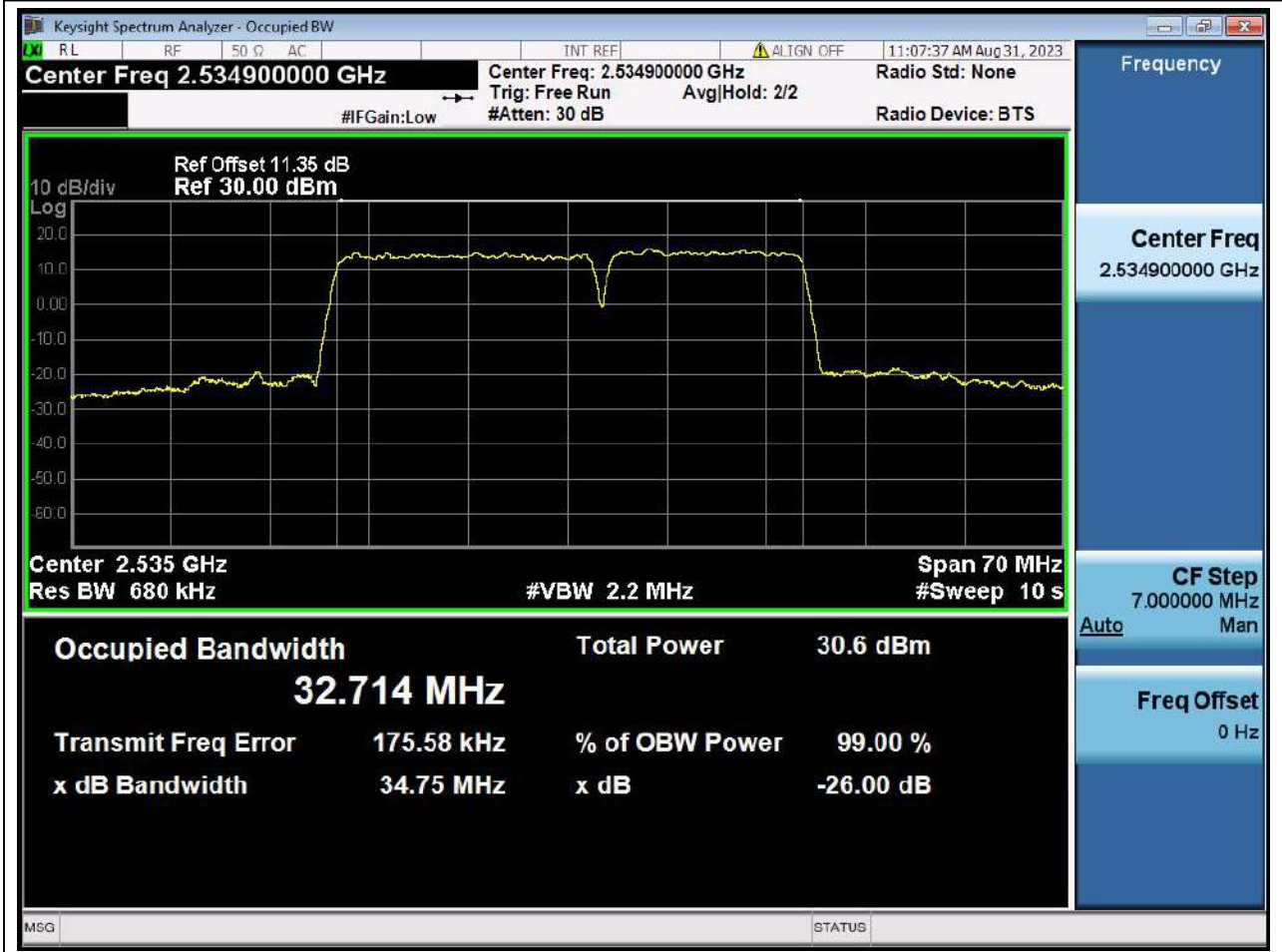
**20.9. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9,  
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.67	35.3	35	Pass



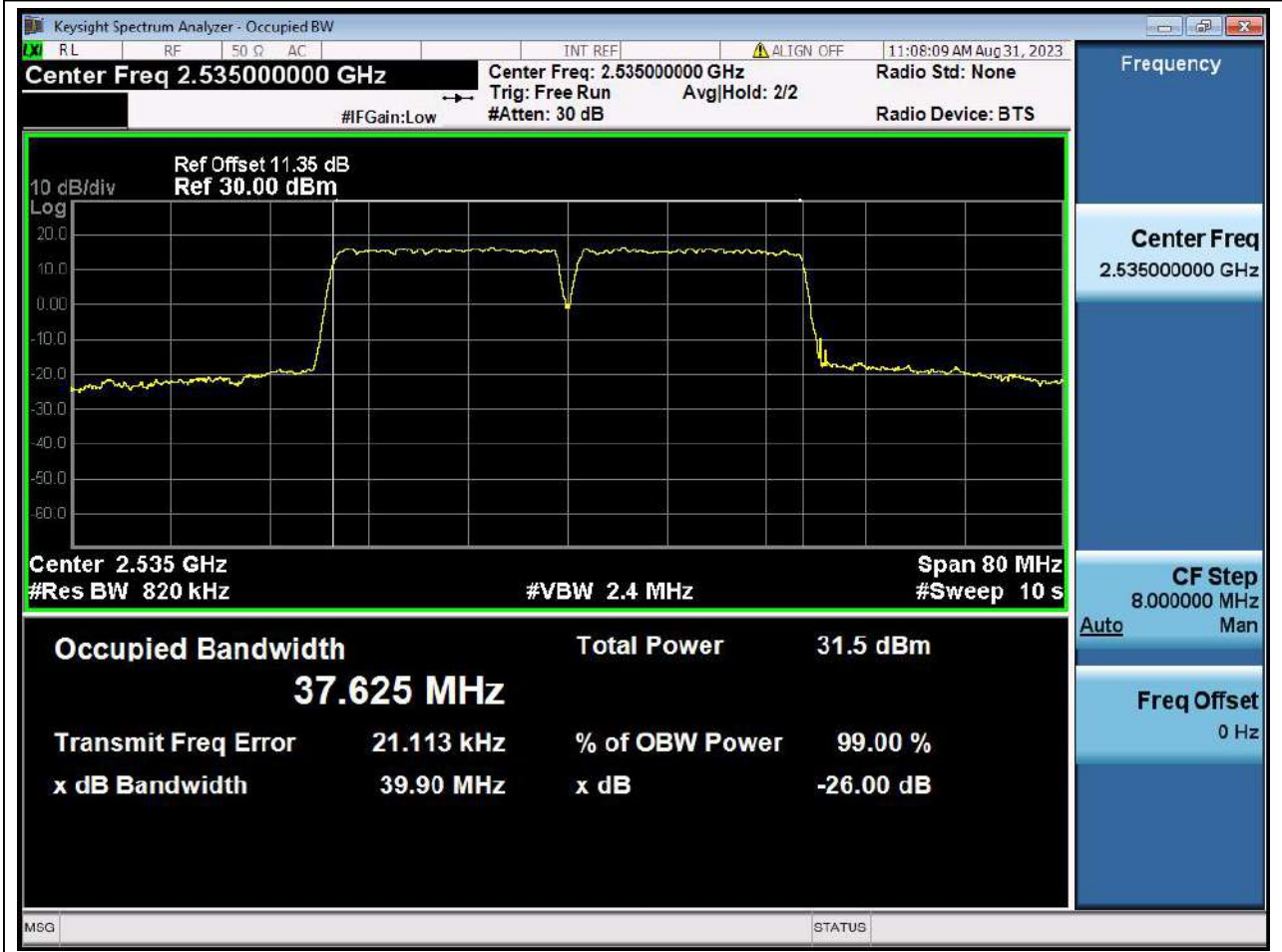
**20.10. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2534.9	99	26	0.68	Peak	32.71	34.75	35	Pass



20.11. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.63	39.9	40	Pass



**20.12. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

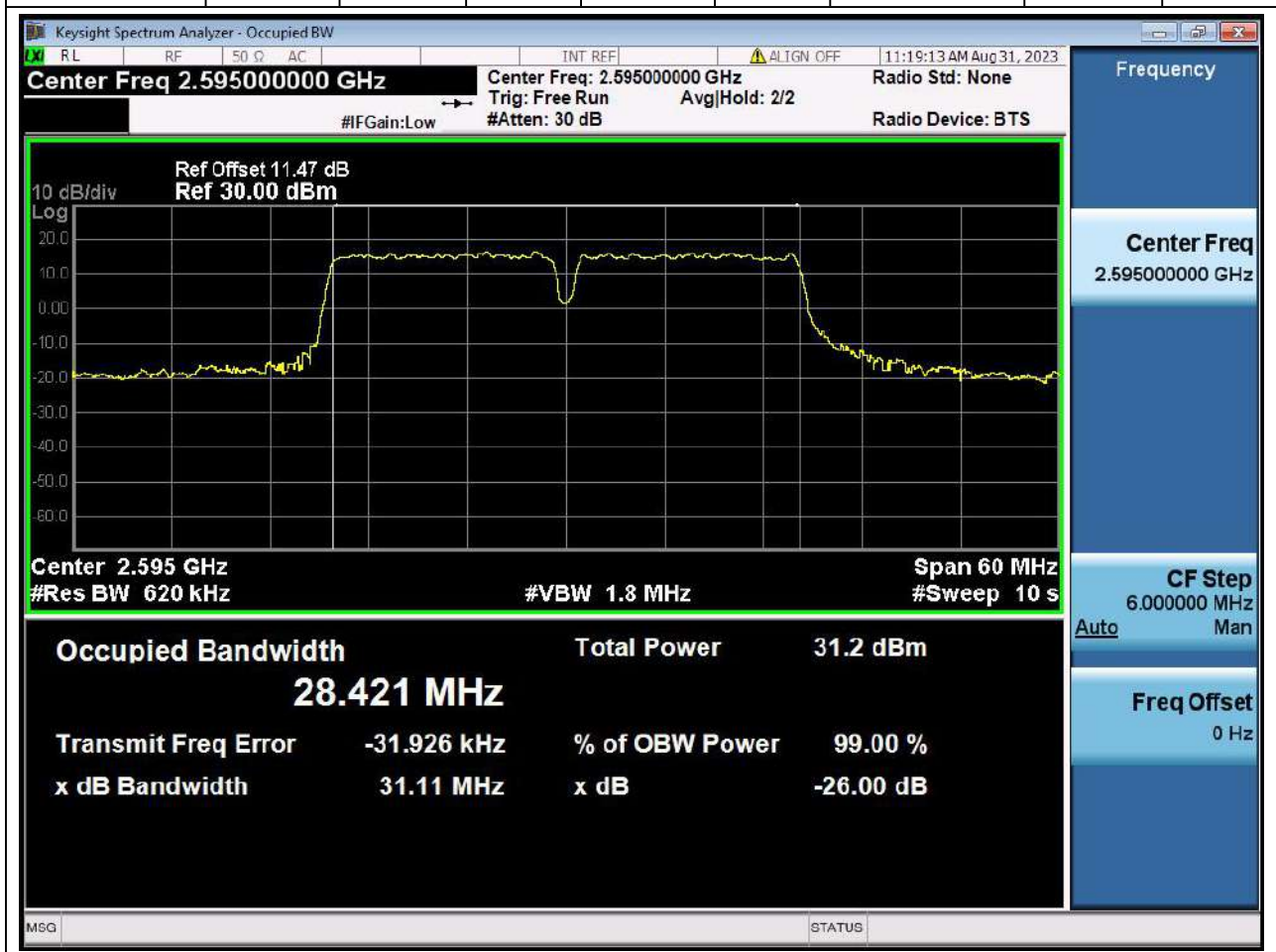
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.82	Peak	37.58	40.21	40	Pass



## 21. CA\_38C

21.1. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1,  
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)

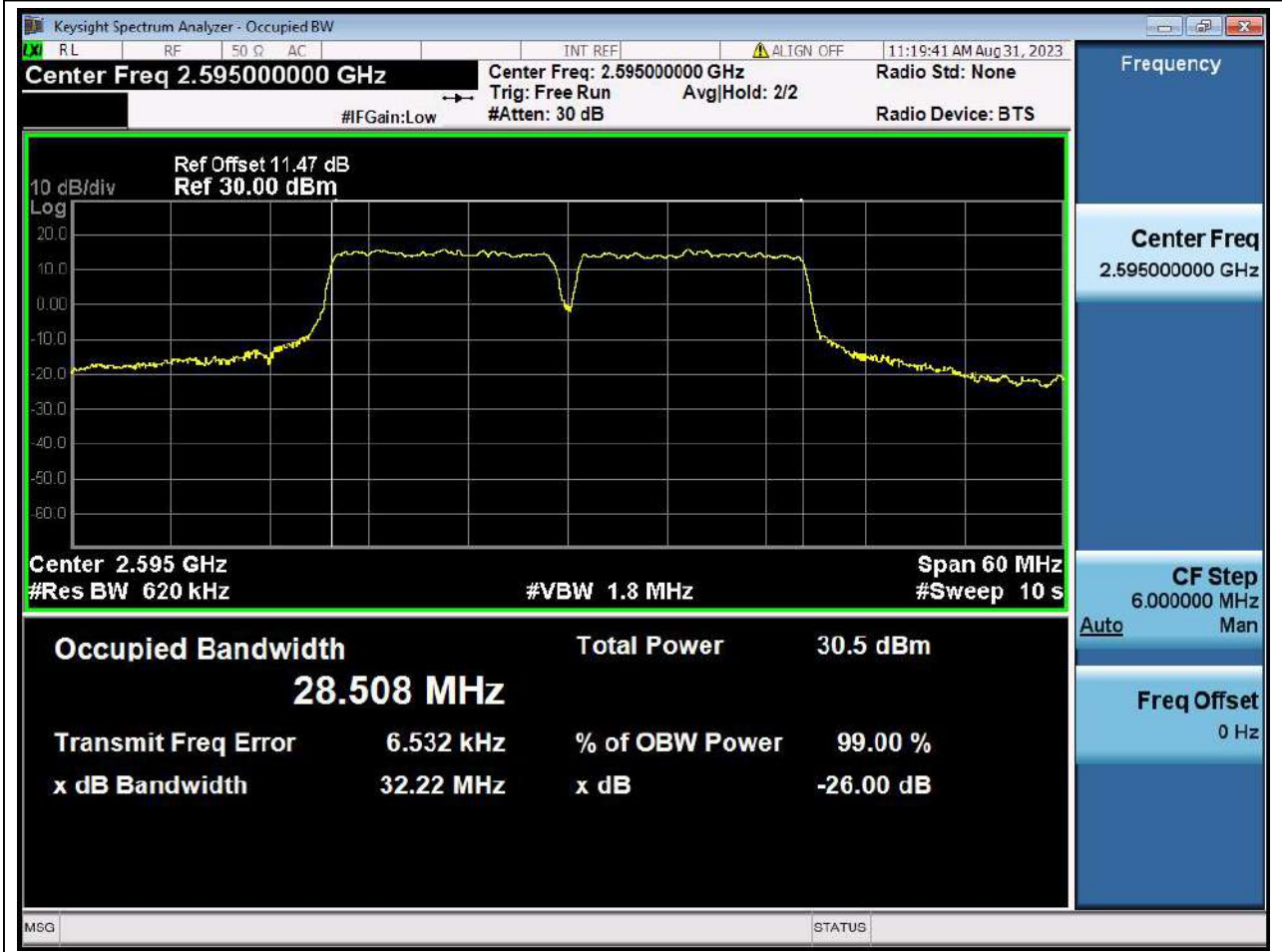
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	28.42	31.11	30	Pass





**21.2. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2,  
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.62	Peak	28.51	32.22	30	Pass



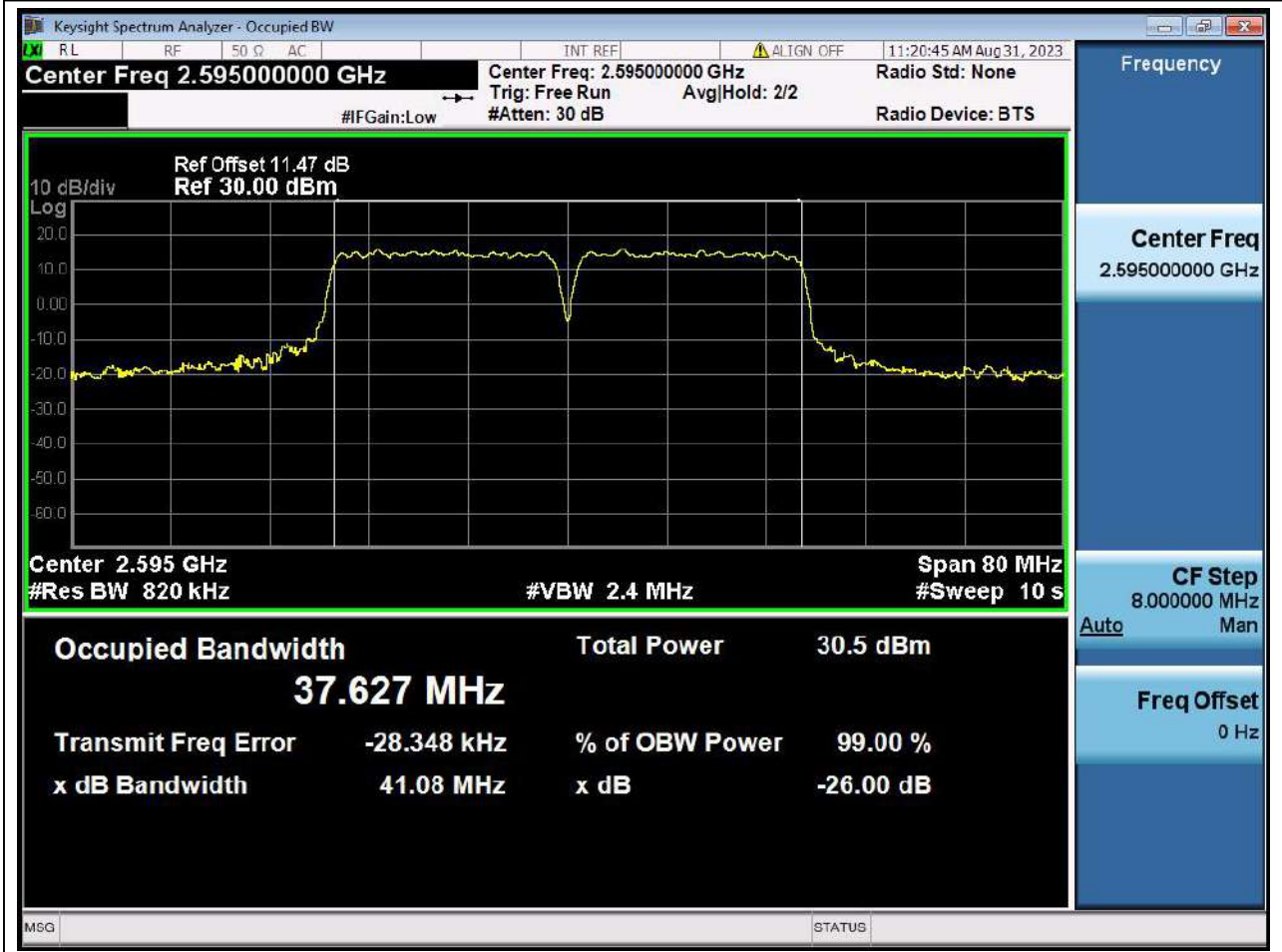
**21.3. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3,  
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.72	43.4	40	Pass



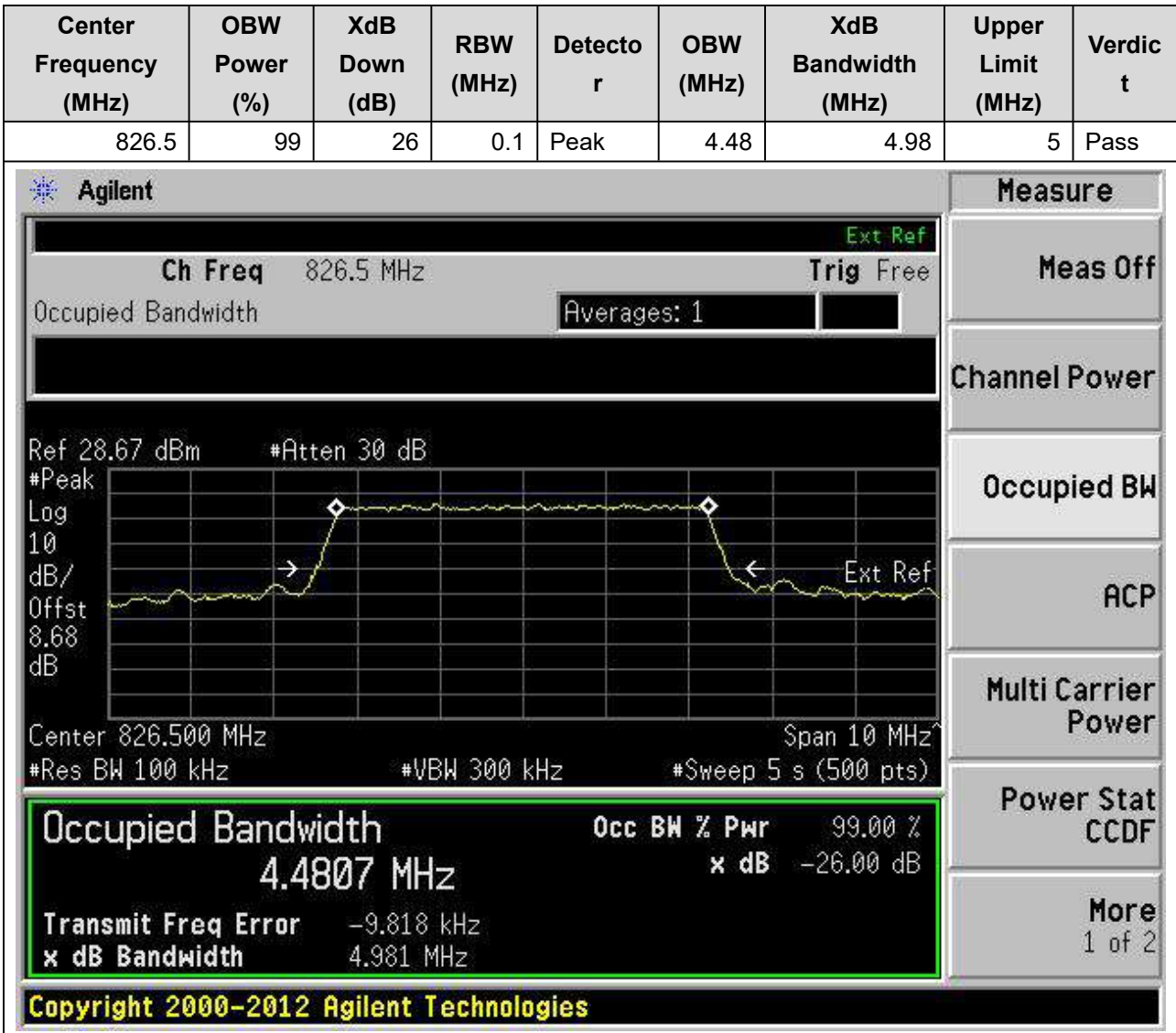
21.4. LTE-A Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4,  
 Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB  
 Number:Full|Full, RB Position:Low|Low)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.82	Peak	37.63	41.08	40	Pass



## 22. n5

### 22.1. Occupied Bandwidth for SA(NTNV)(Channel:165300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**22.2. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.48	4.96	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 836.500 MHz, and the span is 10 MHz. The resolution bandwidth (RBW) is 100 kHz, and the video bandwidth (VBW) is 300 kHz. The sweep time is 5 seconds (500 points). The occupied bandwidth is measured as 4.4823 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -18.133 kHz, and the XdB bandwidth is 4.957 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4823 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.133 kHz	
x dB Bandwidth	4.957 MHz	



**22.3. Occupied Bandwidth for SA(NTNV)(Channel:169300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.48	4.97	5	Pass

**Agilent**

Ch Freq 846.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.74 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.74 dB

Center 846.500 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %

4.4798 MHz x dB -26.00 dB

Transmit Freq Error -21.594 kHz

x dB Bandwidth 4.967 MHz

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Measure

Meas Off

Channel Power

Occupied BW

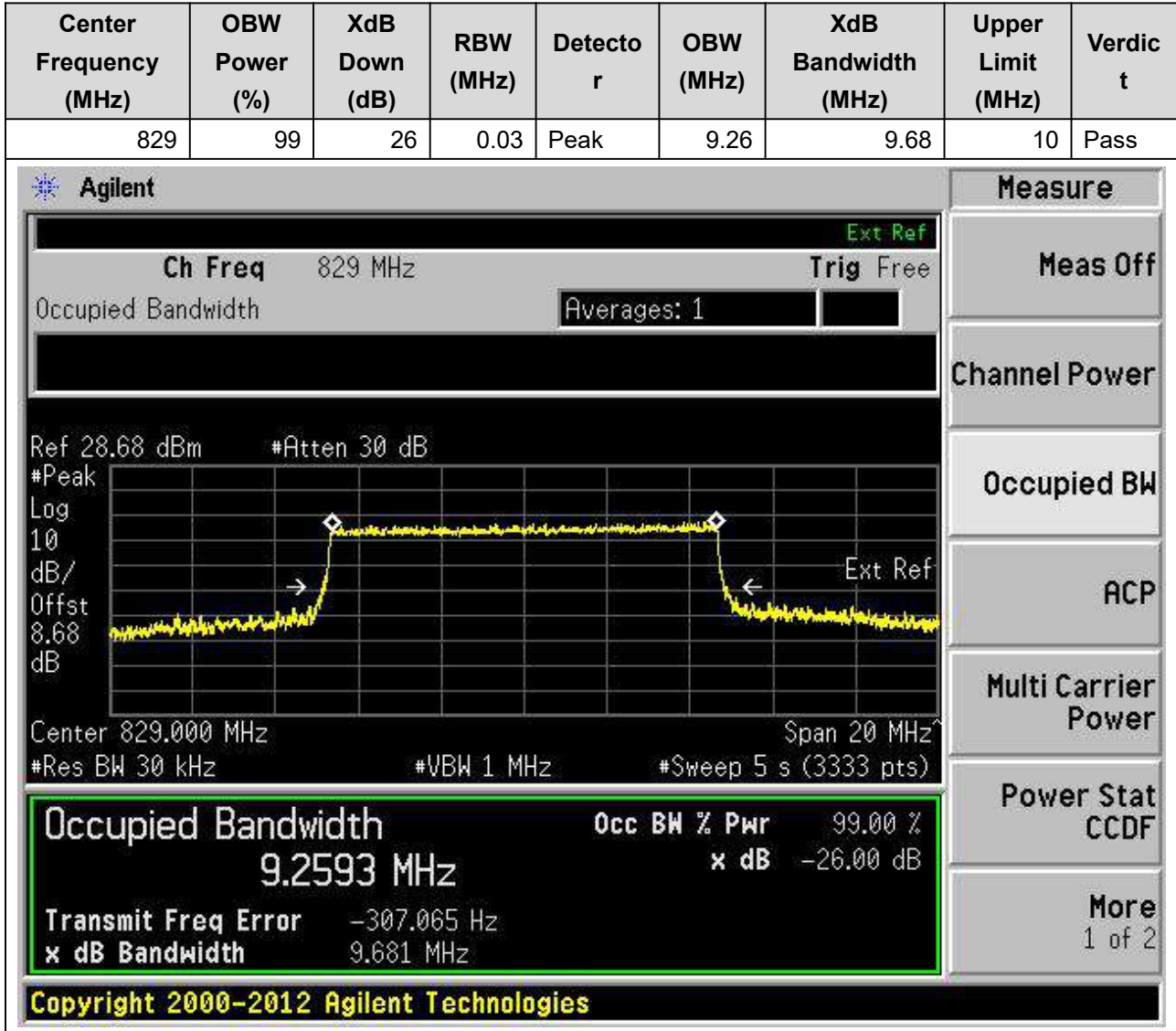
ACP

Multi Carrier Power

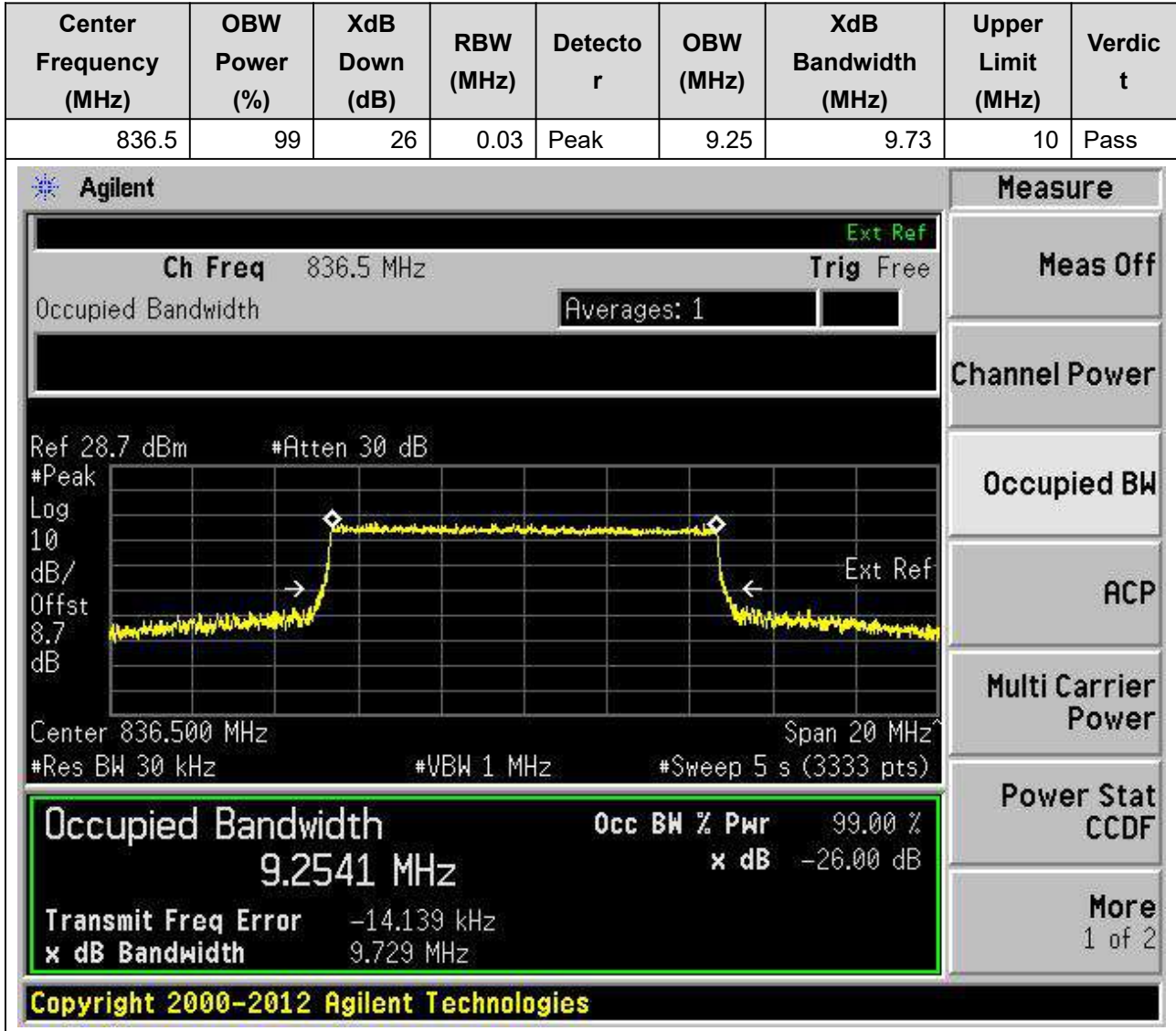
Power Stat CCDF

More 1 of 2

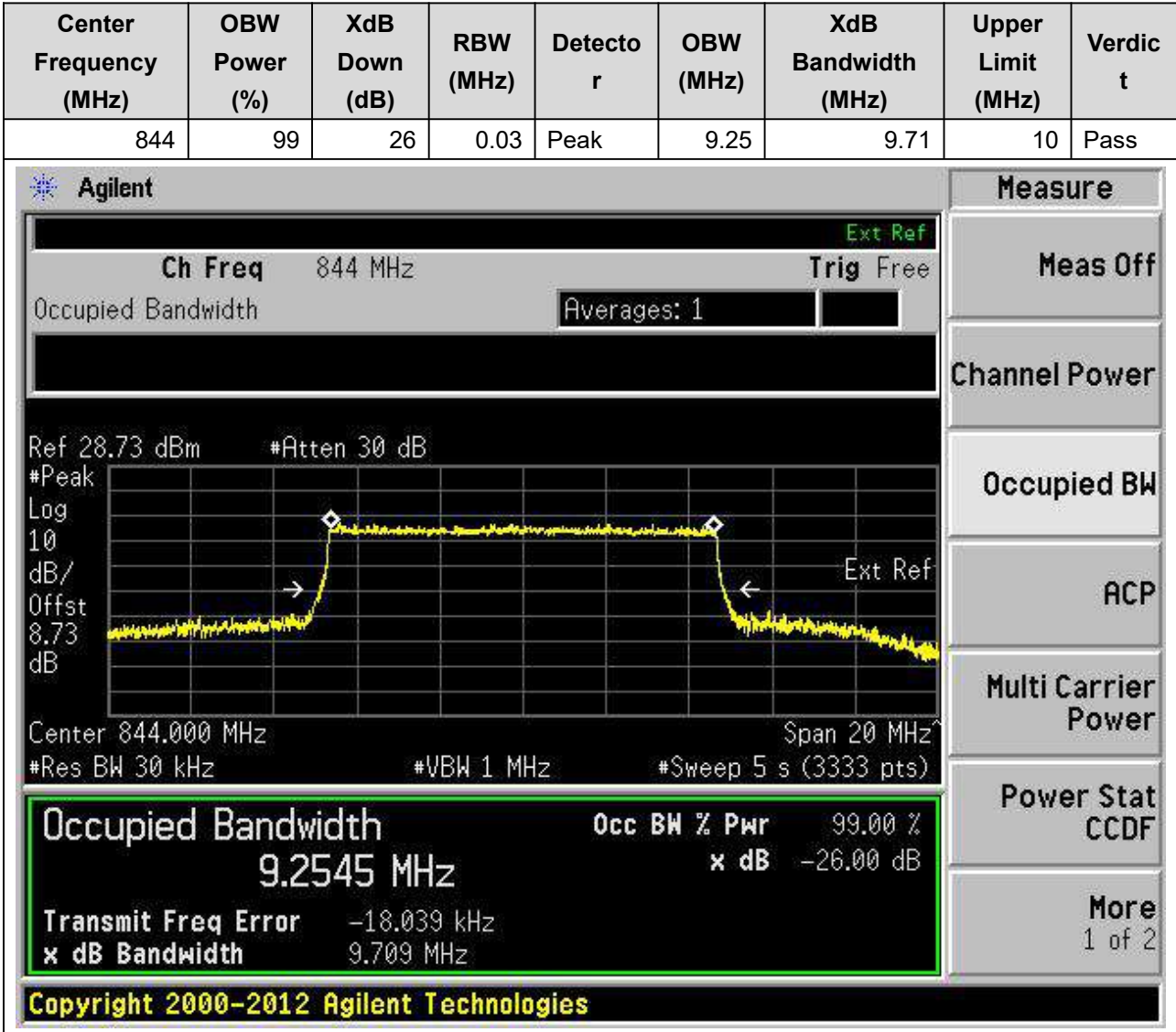
**22.4. Occupied Bandwidth for SA(NTNV)(Channel:165800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**



**22.5. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

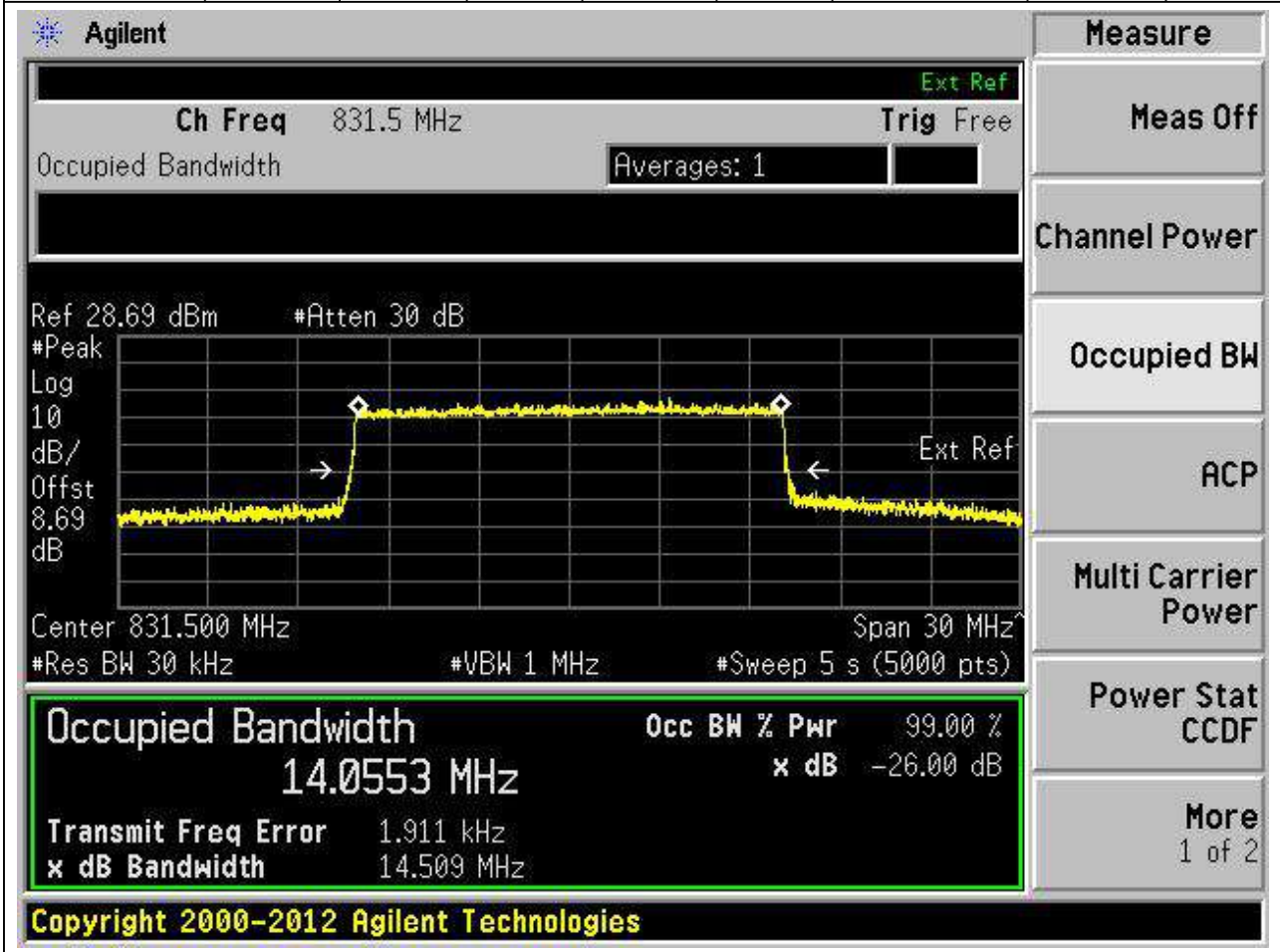


**22.6. Occupied Bandwidth for SA(NTNV)(Channel:168800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**



**22.7. Occupied Bandwidth for SA(NTNV)(Channel:166300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
831.5	99	26	0.03	Peak	14.06	14.51	15	Pass





**22.8. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.03	Peak	14.08	14.59	15	Pass

**Occupied Bandwidth** 14.0765 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error -9.633 kHz  
x dB Bandwidth 14.586 MHz

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**22.9. Occupied Bandwidth for SA(NTNV)(Channel:168300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
841.5	99	26	0.03	Peak	14.08	14.53	15	Pass

**Agilent**

Ch Freq 841.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB

Center 841.500 MHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

**Occupied Bandwidth** 14.0778 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth -26.00 dB

Transmit Freq Error -20.011 kHz

x dB Bandwidth 14.534 MHz

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**22.10. Occupied Bandwidth for SA(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

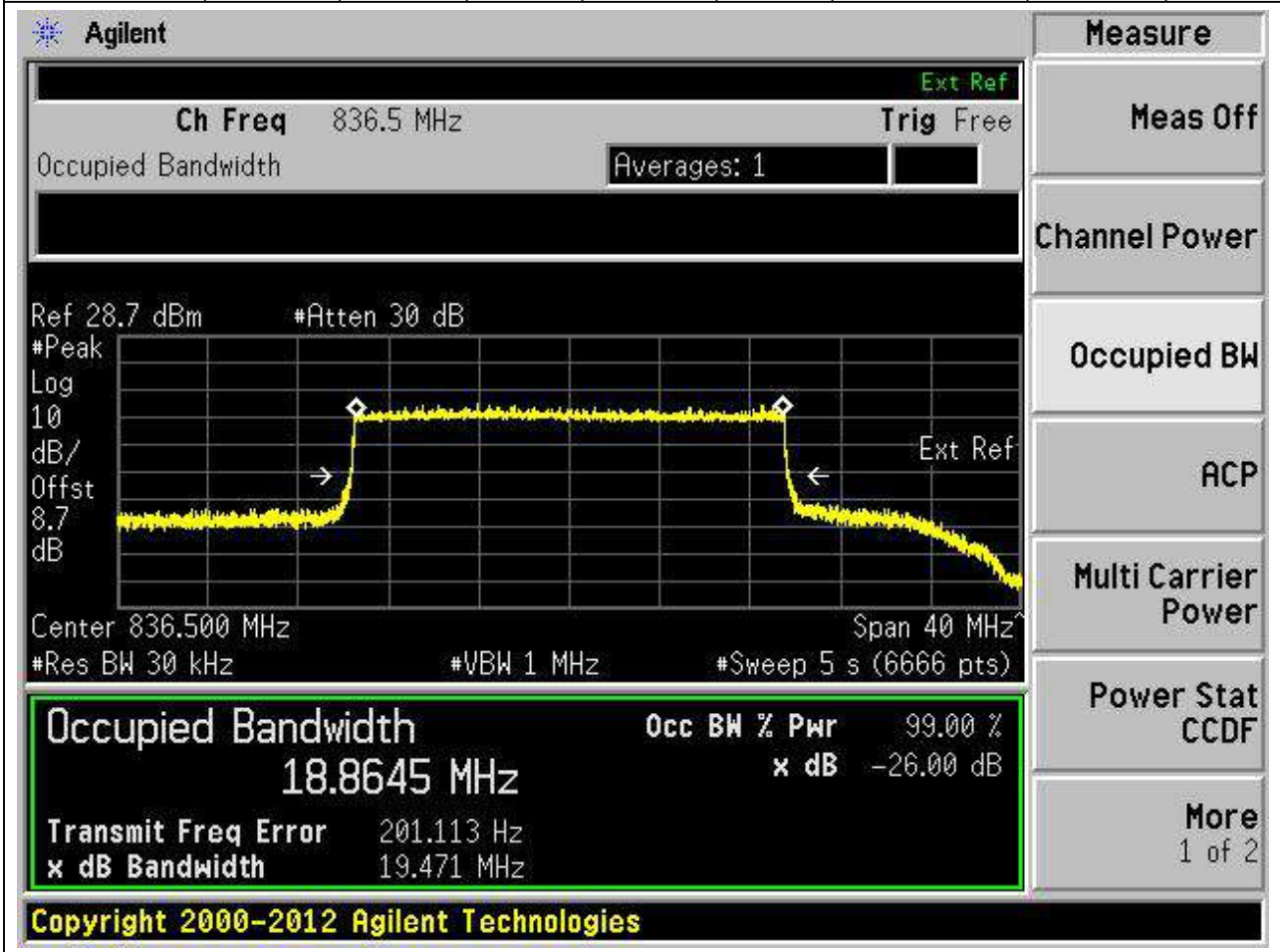
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
834	99	26	0.03	Peak	18.86	19.44	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 834.000 MHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.8621 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -212.065 Hz, and the XdB bandwidth is 19.438 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.8621 MHz	x dB	-26.00 dB
Transmit Freq Error	-212.065 Hz	
x dB Bandwidth	19.438 MHz	

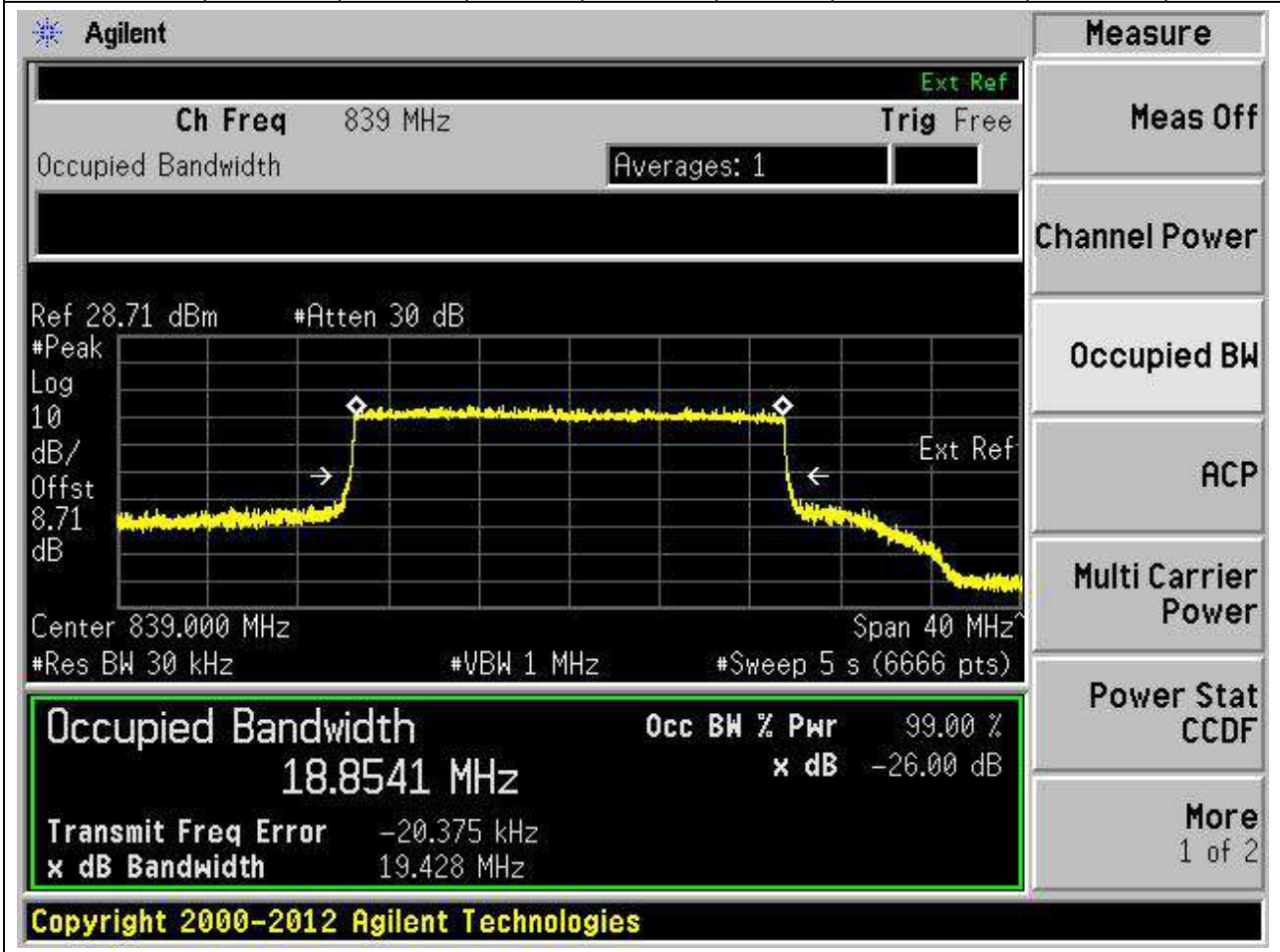
22.11. Occupied Bandwidth for SA(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.03	Peak	18.86	19.47	20	Pass



**22.12. Occupied Bandwidth for SA(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

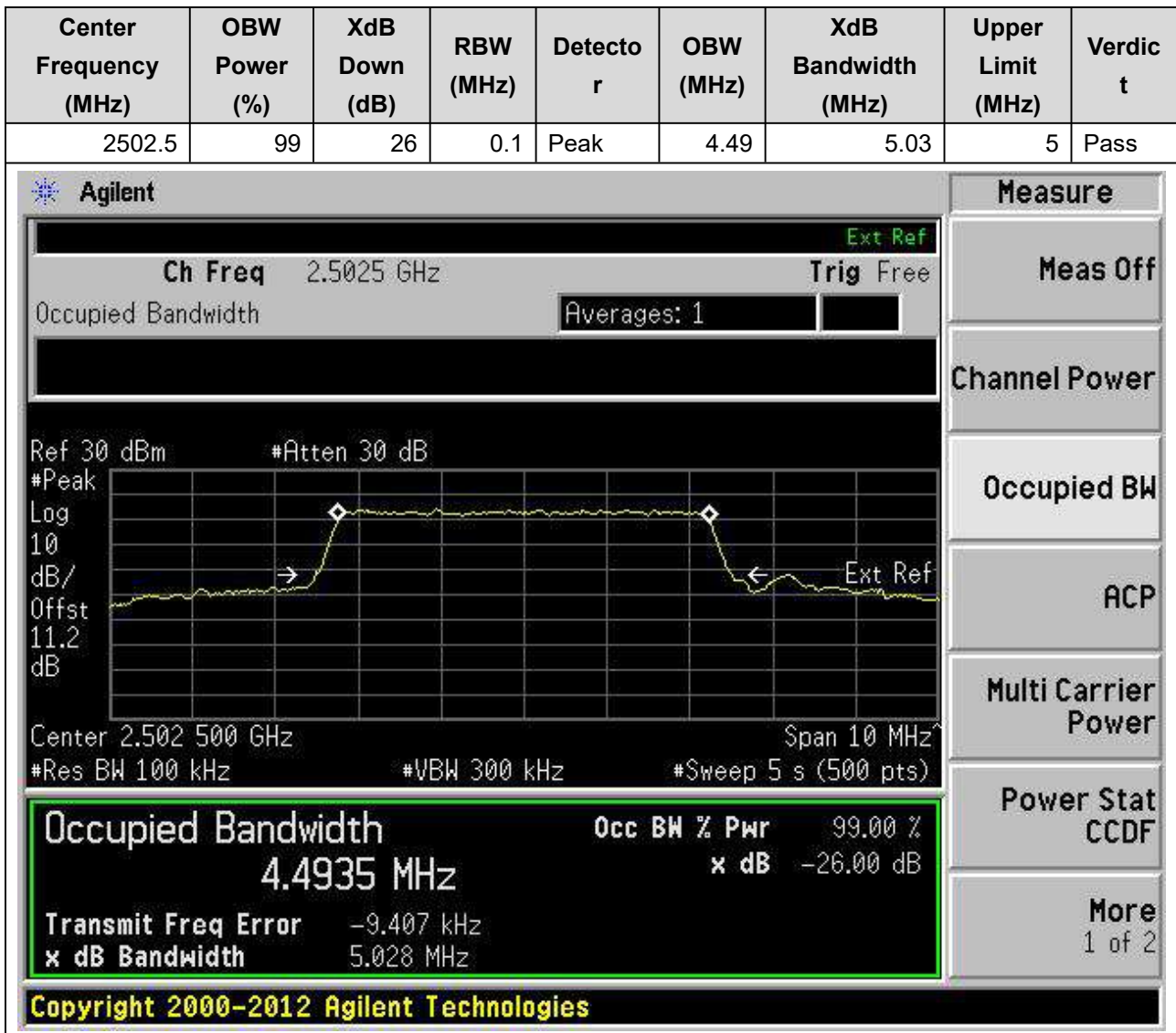
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
839	99	26	0.03	Peak	18.85	19.43	20	Pass





### 23. n7

#### 23.1. Occupied Bandwidth for SA(NTNV)(Channel:500500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**23.2. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.1	Peak	4.49	4.98	5	Pass

**Occupied Bandwidth** 4.4870 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -13.426 kHz

x dB Bandwidth 4.977 MHz

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**23.3. Occupied Bandwidth for SA(NTNV)(Channel:513500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2567.5	99	26	0.1	Peak	4.49	5	5	Pass

**Occupied Bandwidth** 4.4915 MHz

Occ BW % Pwr 99.00 %

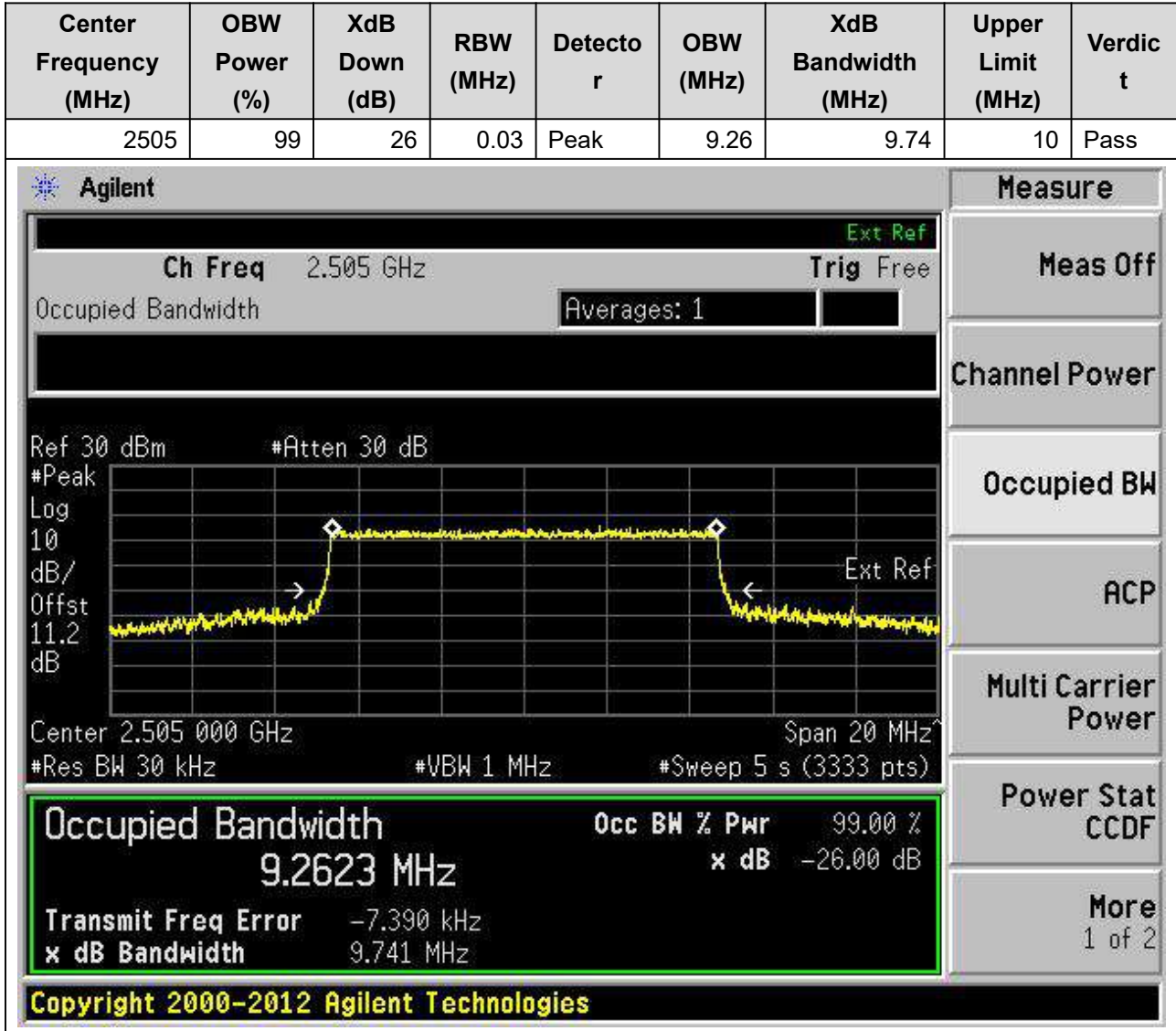
x dB -26.00 dB

Transmit Freq Error -12.207 kHz

x dB Bandwidth 4.997 MHz

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**23.4. Occupied Bandwidth for SA(NTNV)(Channel:501000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**



**23.5. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.03	Peak	9.27	9.77	10	Pass

**Occupied Bandwidth** 9.2664 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -7.867 kHz

x dB Bandwidth 9.766 MHz

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**23.6. Occupied Bandwidth for SA(NTNV)(Channel:513000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2565	99	26	0.03	Peak	9.26	9.76	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.565 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2551 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -11.688 kHz, and the XdB bandwidth is 9.756 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2551 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.688 kHz	
x dB Bandwidth	9.756 MHz	

23.7. Occupied Bandwidth for SA(NTNV)(Channel:501500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2507.5	99	26	0.03	Peak	14.08	14.57	15	Pass

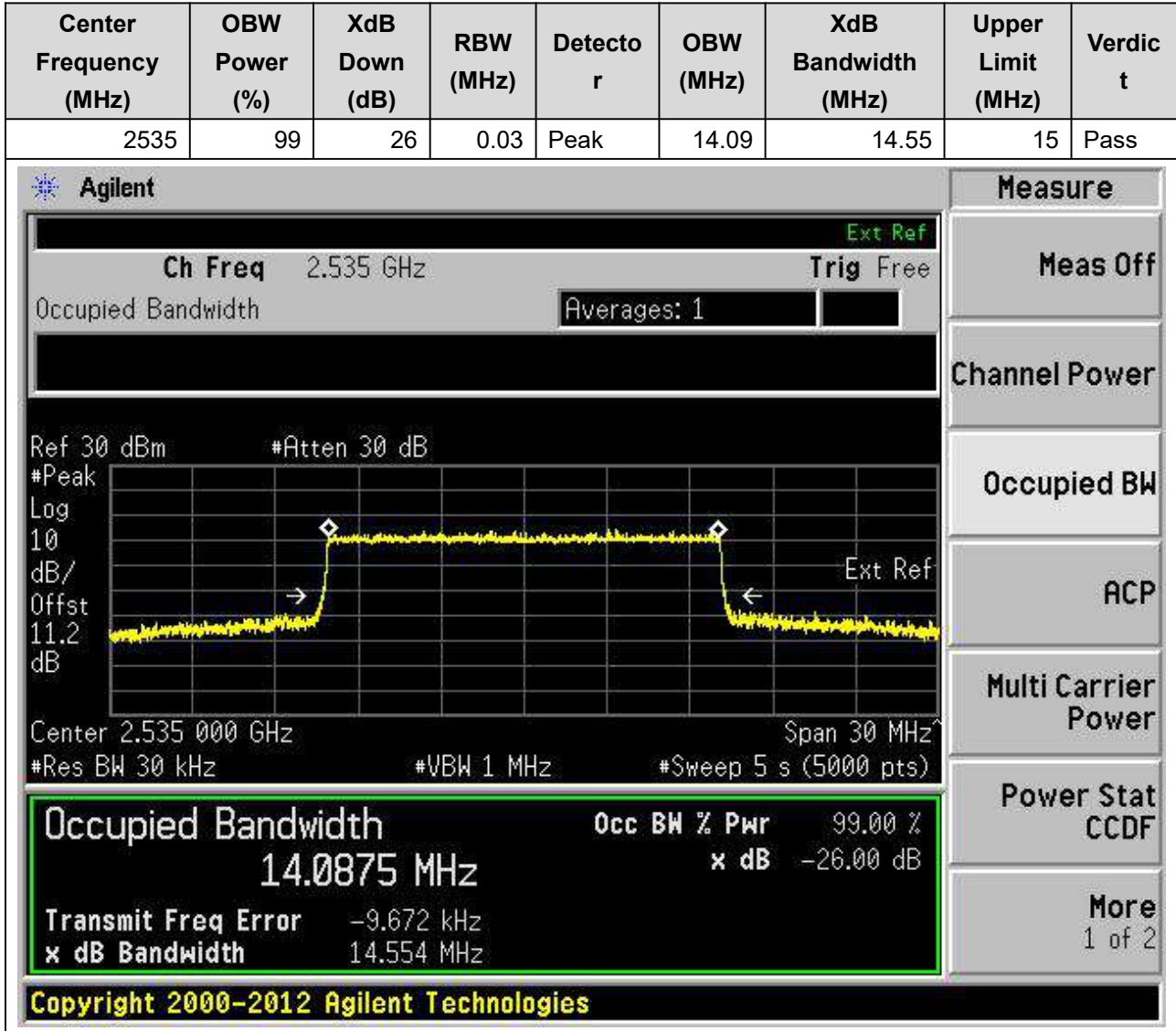
**Occupied Bandwidth** 14.0846 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error -2.981 kHz  
x dB Bandwidth 14.572 MHz

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23.8. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)



**23.9. Occupied Bandwidth for SA(NTNV)(Channel:512500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2562.5	99	26	0.03	Peak	14.08	14.49	15	Pass

**Agilent**

Ch Freq 2.5625 GHz

Occupied Bandwidth

Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.562 500 GHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

**Occupied Bandwidth** 14.0753 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -12.360 kHz

x dB Bandwidth 14.494 MHz

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Measure

Meas Off

Channel Power

Occupied BW

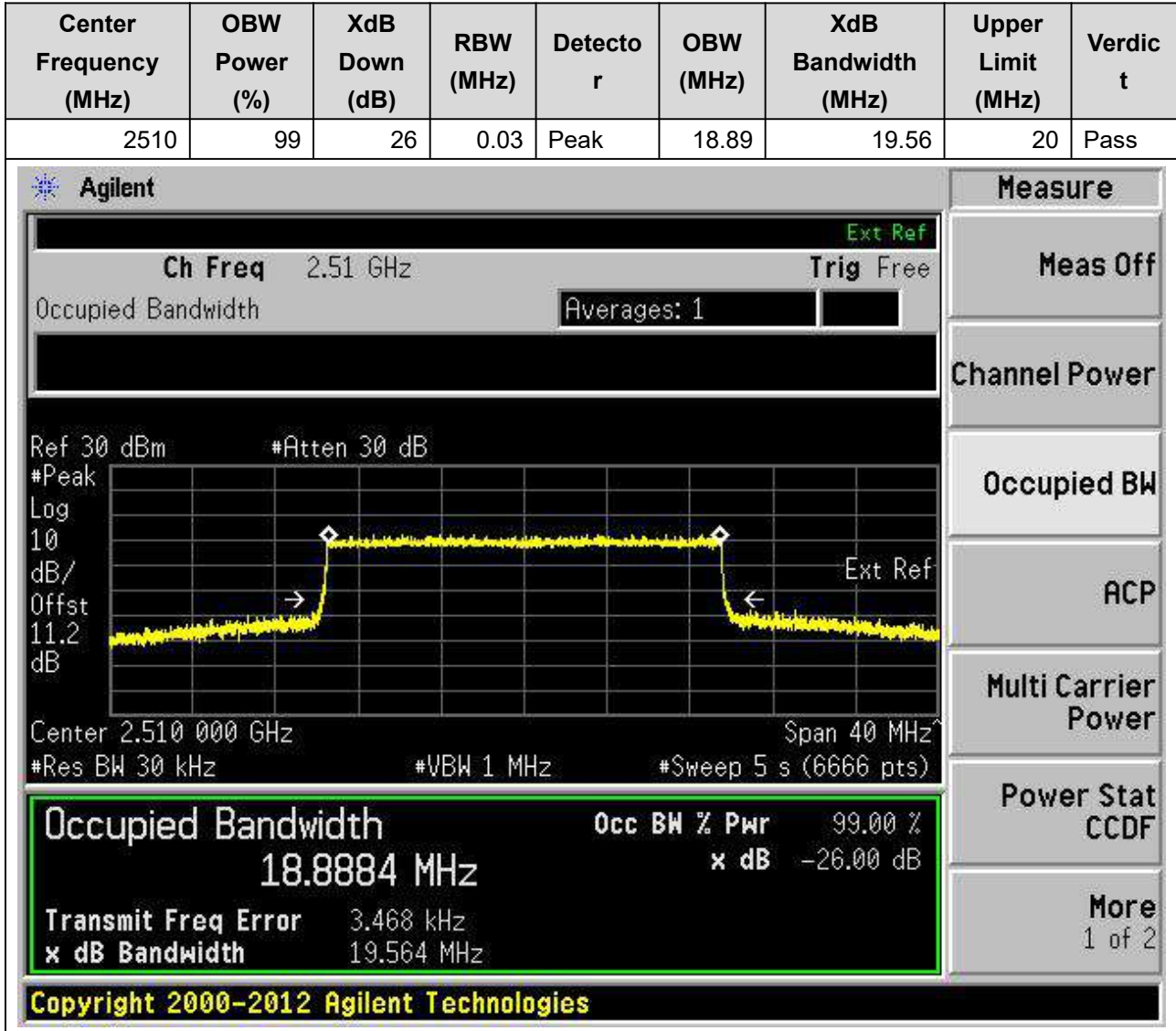
ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**23.10. Occupied Bandwidth for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**





23.11. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	0.03	Peak	18.88	19.55	20	Pass

Agilent
Measure

Ch Freq 2.535 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.535 000 GHz Span 40 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %

18.8808 MHz x dB -26.00 dB

Transmit Freq Error -4.978 kHz

x dB Bandwidth 19.553 MHz

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**23.12. Occupied Bandwidth for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2560	99	26	0.03	Peak	18.88	19.58	20	Pass

Agilent

Measure  
Meas Off  
Channel Power  
Occupied BW  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 2.56 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Log
10
dB/
Offst
11.2
dB

Center 2.560 000 GHz
Span 40 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (6666 pts)

**Occupied Bandwidth**

**18.8774 MHz**

Transmit Freq Error -11.658 kHz

x dB Bandwidth 19.582 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**23.13. Occupied Bandwidth for SA(NTNV)(Channel:502500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2512.5	99	26	1	Peak	24.14	27.84	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

Measurement	Value
Occupied Bandwidth	24.1439 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	19.621 kHz
x dB Bandwidth	27.835 MHz

Additional parameters shown in the interface include: Ch Freq 2.5125 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), and a copyright notice for Agilent Technologies from 2000-2012.

**23.14. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	24.15	27.78	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 50 MHz. The occupied bandwidth is measured as 24.1525 MHz, which is 99.00% of the 25 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -13.018 kHz, and the x dB bandwidth is 27.778 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
24.1525 MHz	x dB	-26.00 dB
Transmit Freq Error	-13.018 kHz	
x dB Bandwidth	27.778 MHz	

**23.15. Occupied Bandwidth for SA(NTNV)(Channel:511500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2557.5	99	26	1	Peak	24.1	27.42	25	Pass

**Occupied Bandwidth** 24.0991 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -31.771 kHz

x dB Bandwidth 27.420 MHz

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**23.16. Occupied Bandwidth for SA(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2515	99	26	1	Peak	28.95	31.48	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at approximately 2.515 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

**Occupied Bandwidth** 28.9520 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error -64.659 kHz  
x dB Bandwidth 31.483 MHz

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On the right side of the interface, there is a 'Measure' menu with the following options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

**23.17. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	28.98	31.39	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.535 GHz. The measurement results are summarized in the bottom section:

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>28.9751 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-82.677 kHz
<b>x dB Bandwidth</b>		31.387 MHz

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.2 dB, Center 2.535 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**23.18. Occupied Bandwidth for SA(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2555	99	26	1	Peak	28.92	31.22	30	Pass

**Agilent**

Ch Freq 2.555 GHz      Trig Free

Occupied Bandwidth      Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak Log 10 dB/Offst 11.2 dB

Center 2.555 00 GHz      Span 60 MHz

#Res BW 1 MHz      #VBW 3 MHz      #Sweep 5 s (401 pts)

**Occupied Bandwidth**      Occ BW % Pwr 99.00 %

28.9244 MHz      x dB -26.00 dB

Transmit Freq Error -104.470 kHz

x dB Bandwidth 31.223 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**23.19. Occupied Bandwidth for SA(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2520	99	26	1	Peak	38.83	41.41	40	Pass

**Agilent**

Ch Freq 2.52 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.520 0 GHz Span 80 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %

**38.8350 MHz** x dB -26.00 dB

Transmit Freq Error -5.794 kHz

x dB Bandwidth 41.407 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**23.20. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	38.85	41.46	40	Pass

**Occupied Bandwidth** 38.8538 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error -34.174 kHz  
x dB Bandwidth 41.462 MHz

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**23.21. Occupied Bandwidth for SA(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2550	99	26	1	Peak	38.77	41.37	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.55 GHz. The measurement results are summarized in the bottom section:

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>38.7734 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-63.595 kHz
<b>x dB Bandwidth</b>		41.371 MHz

Additional parameters shown in the interface include: Ch Freq 2.55 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, Center 2.5500 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**23.22. Occupied Bandwidth for SA(NTNV)(Channel:505000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2525	99	26	1	Peak	48.18	51.01	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.525 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 48.1848 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 41.828 kHz, and the XdB bandwidth is 51.010 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
48.1848 MHz	x dB	-26.00 dB
Transmit Freq Error	41.828 kHz	
x dB Bandwidth	51.010 MHz	

**23.23. Occupied Bandwidth for SA(NTNV)(Channel:507000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	48.31	51	50	Pass

**Occupied Bandwidth** 48.3076 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error -25.044 kHz  
x dB Bandwidth 51.000 MHz

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**23.24. Occupied Bandwidth for SA(NTNV)(Channel:509000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2545	99	26	1	Peak	48.27	51	50	Pass

**Occupied Bandwidth** 48.2722 MHz

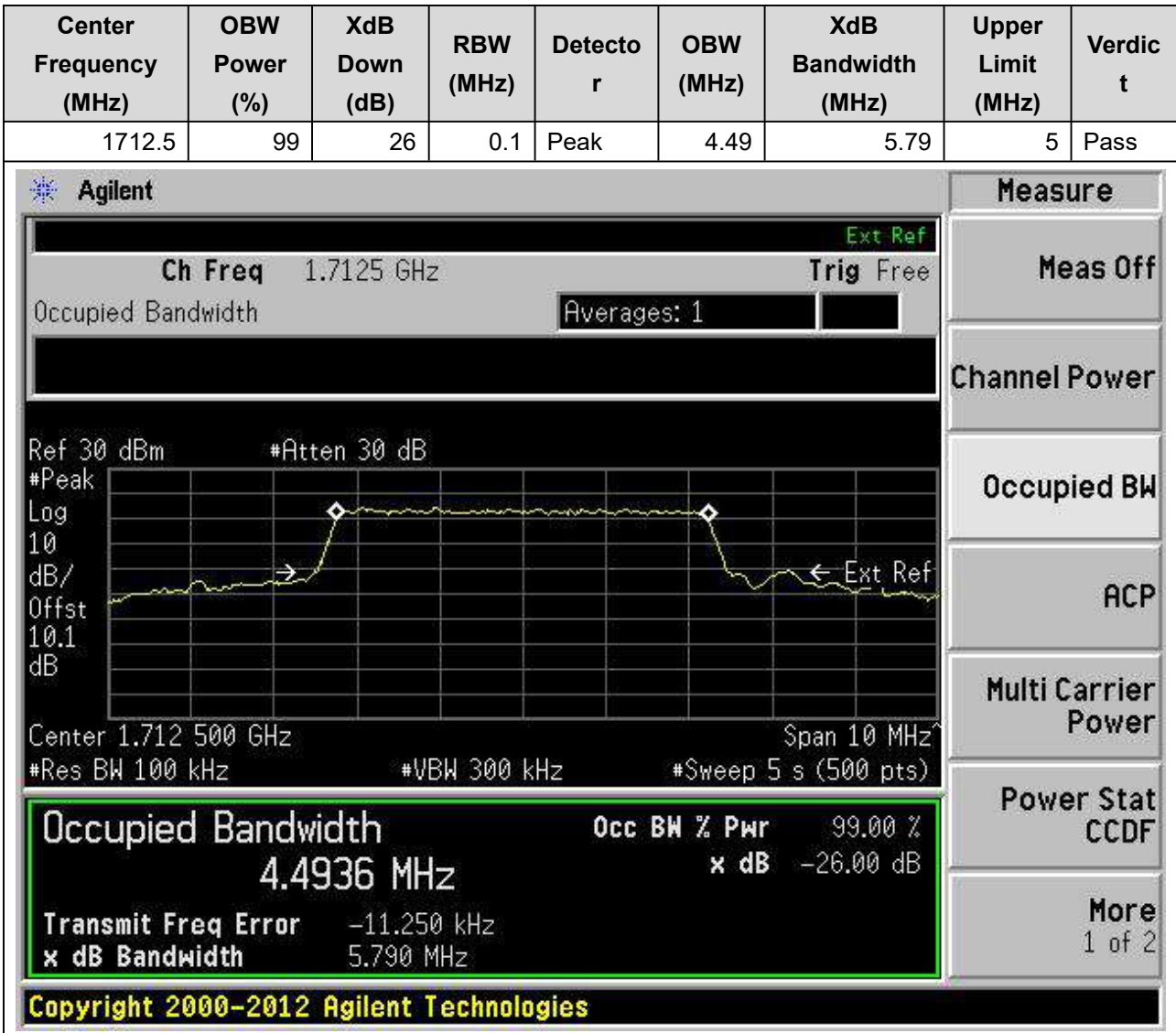
Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error -49.218 kHz  
x dB Bandwidth 51.001 MHz

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## 24. n66

### 24.1. Occupied Bandwidth for SA(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)





**24.2. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.48	5.01	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center 1.745 000 GHz'. The plot shows a signal with a peak at approximately 1.745 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

**Occupied Bandwidth Measurement Results:**

Occupied Bandwidth	Occ BW % Pwr	x dB
4.4841 MHz	99.00 %	-26.00 dB

Other parameters shown in the screenshot include: Ch Freq 1.745 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10, dB/Offst, 10.2, dB, Center 1.745 000 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts), Transmit Freq Error -14.849 kHz, x dB Bandwidth 5.006 MHz.

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**24.3. Occupied Bandwidth for SA(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.49	5.03	5	Pass

**Agilent**

Ch Freq 1.7775 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.777 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
 4.4920 MHz x dB -26.00 dB

Transmit Freq Error -10.127 kHz  
 x dB Bandwidth 5.028 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**24.4. Occupied Bandwidth for SA(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.03	Peak	9.26	9.75	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The plot is centered at 1.715 GHz with a span of 20 MHz. The signal level is approximately 10 dBm. The occupied bandwidth is measured as 9.2641 MHz, and the power is 99.00% at -26.00 dB. The interface includes various measurement controls and a list of measurement options on the right side.

Measurement	Value
Occupied Bandwidth	9.2641 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-10.073 kHz
x dB Bandwidth	9.751 MHz

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