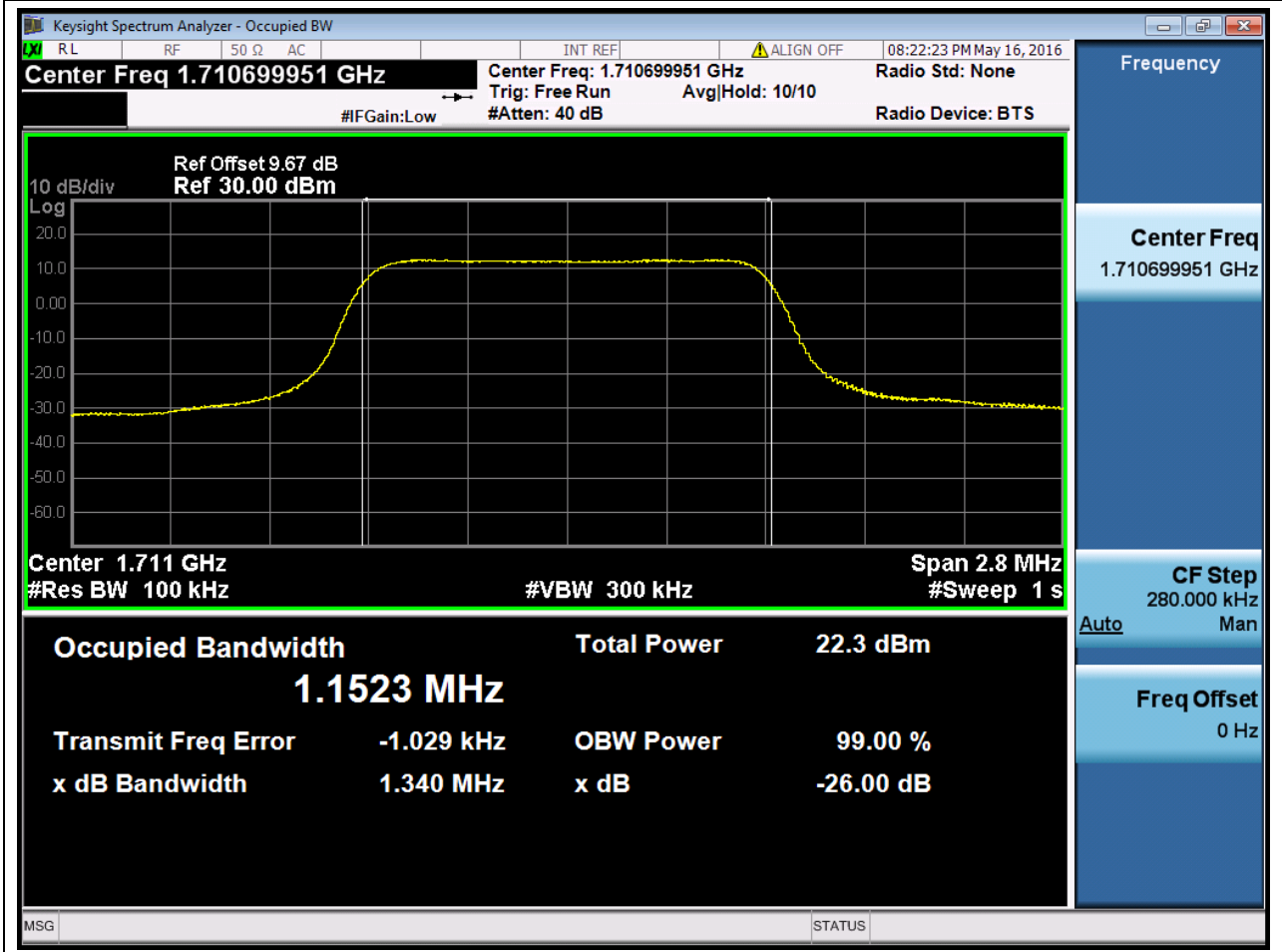# Annex C. LTE Transmitter Occupied Bandwidth(SA)
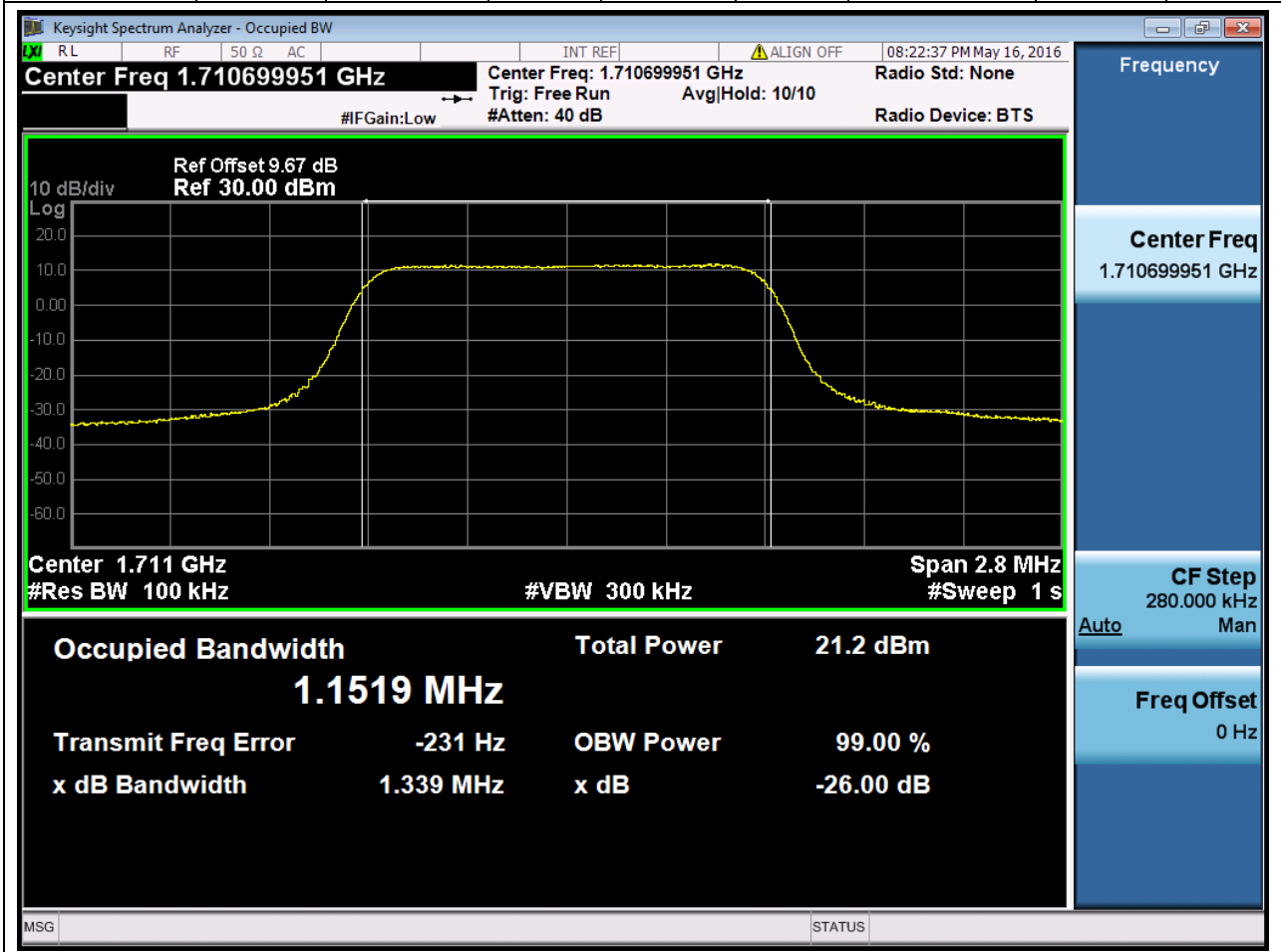
1. LTE_Band4

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

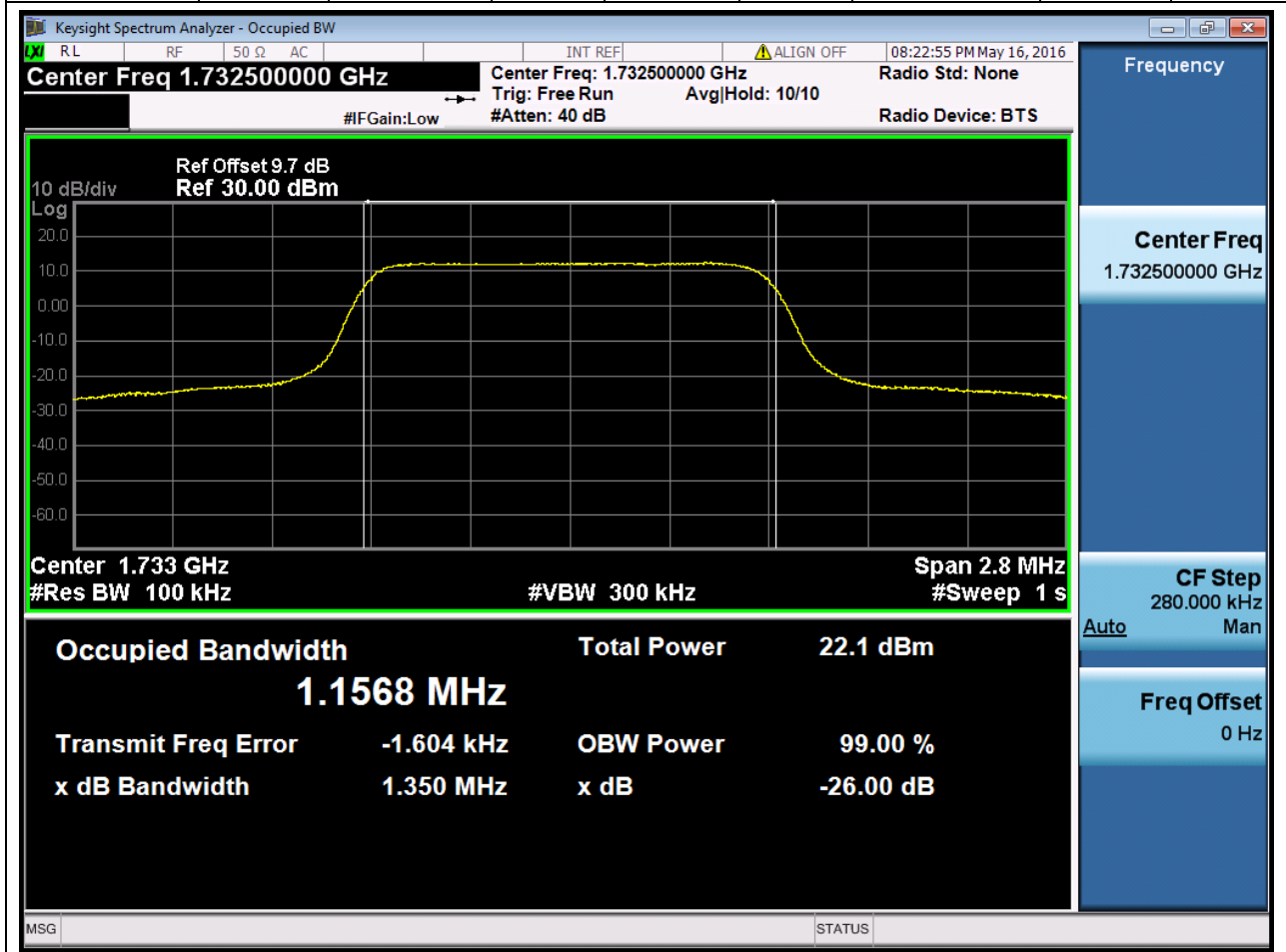| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.1	RMS	1.15	1.34	1.4	Pass

1.2. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number: 6, RB Position:LOW)

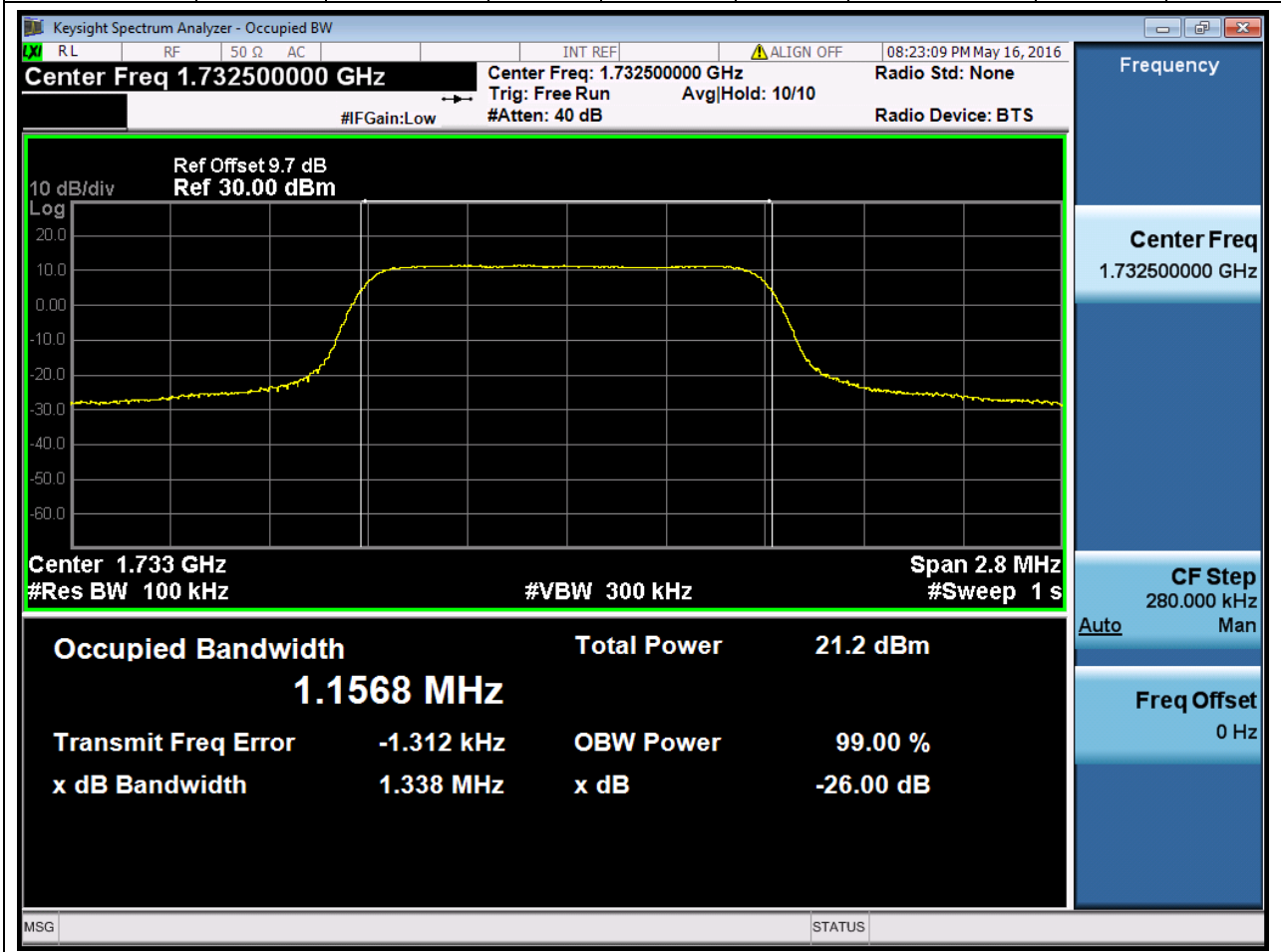| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.1	RMS	1.15	1.34	1.4	Pass

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

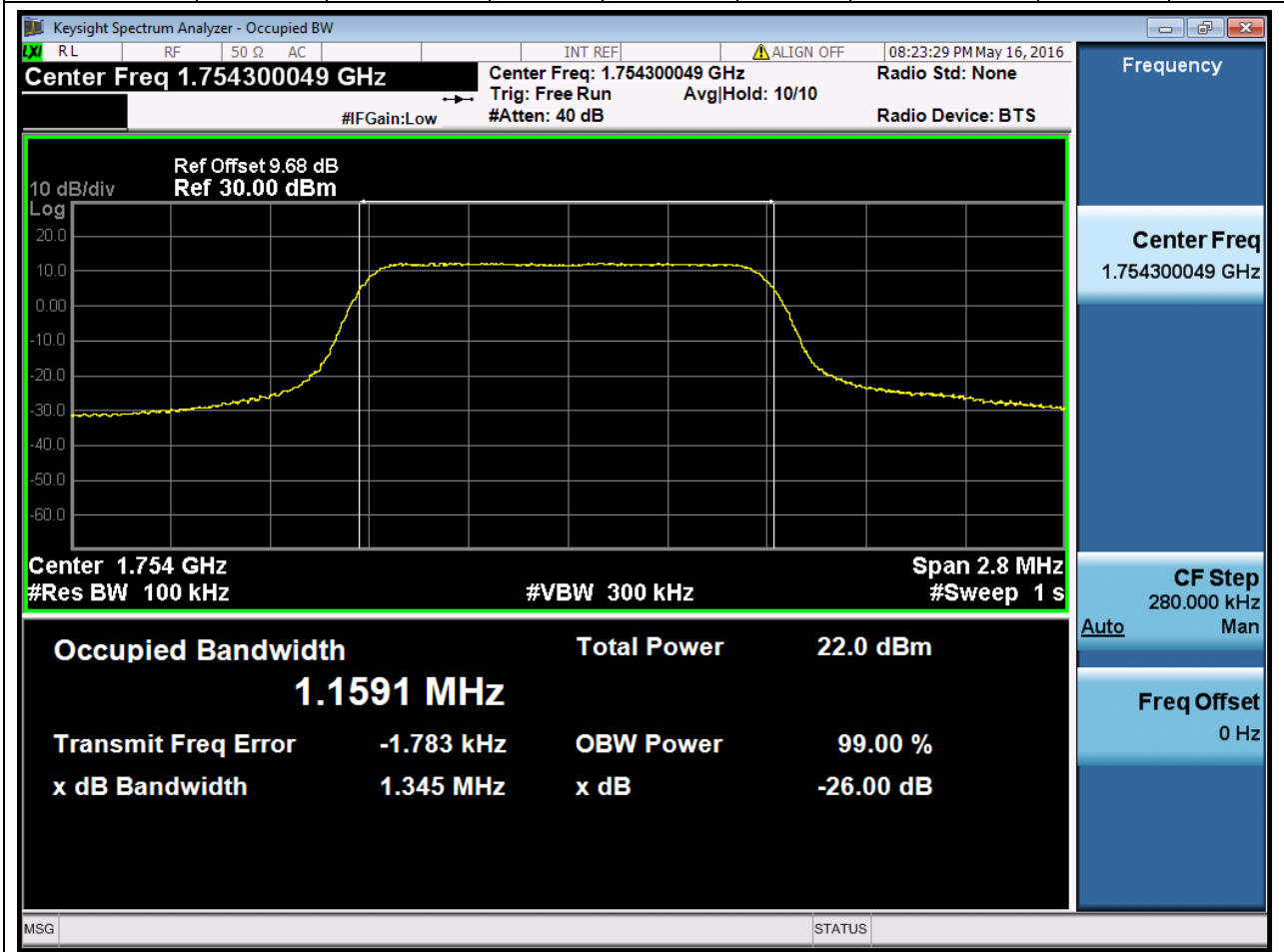| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	1.16	1.35	1.4	Pass

1.4. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:16QAM, 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
1732.5	99	26	0.1	RMS	1.16	1.34	1.4	Pass

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

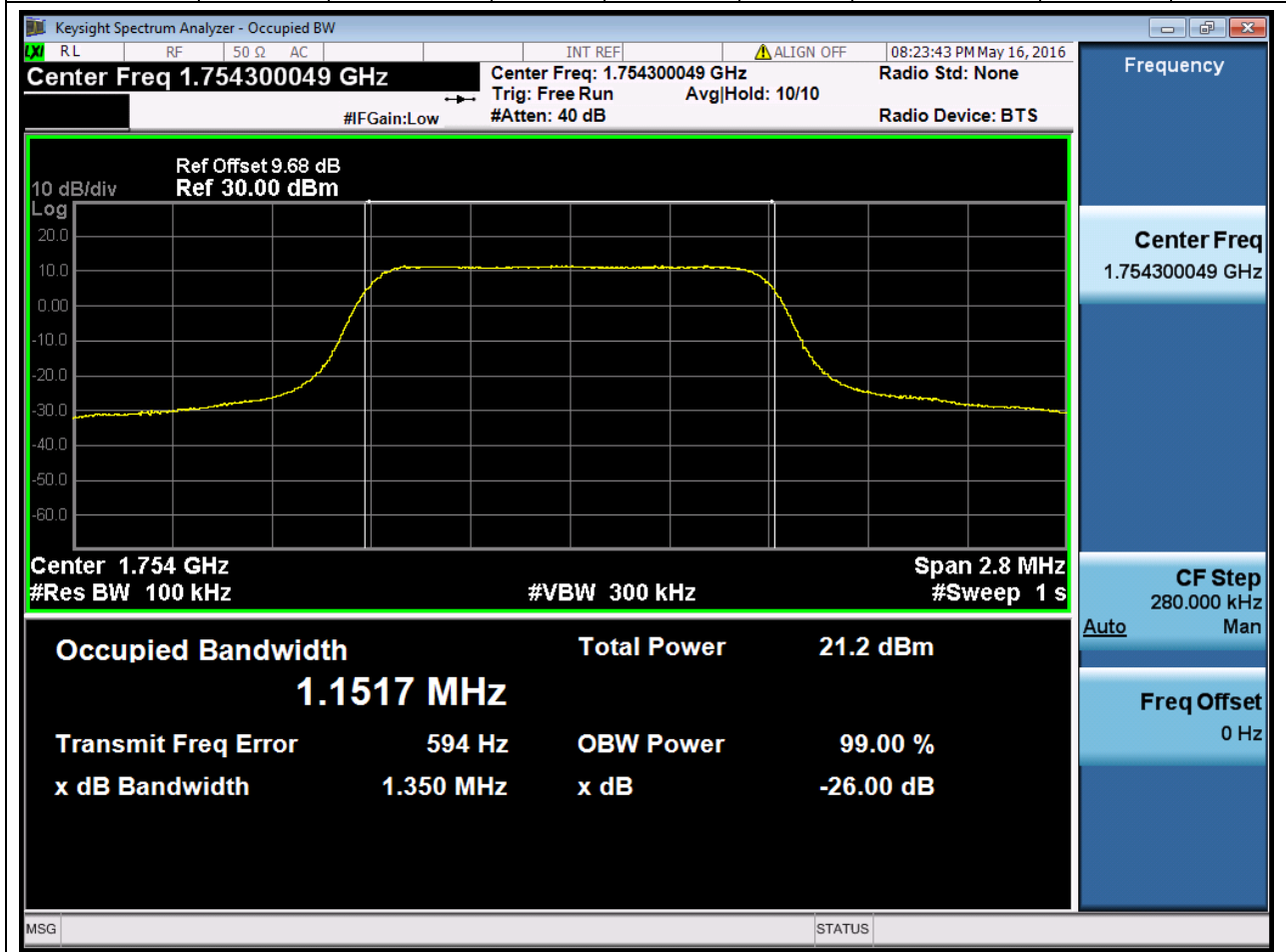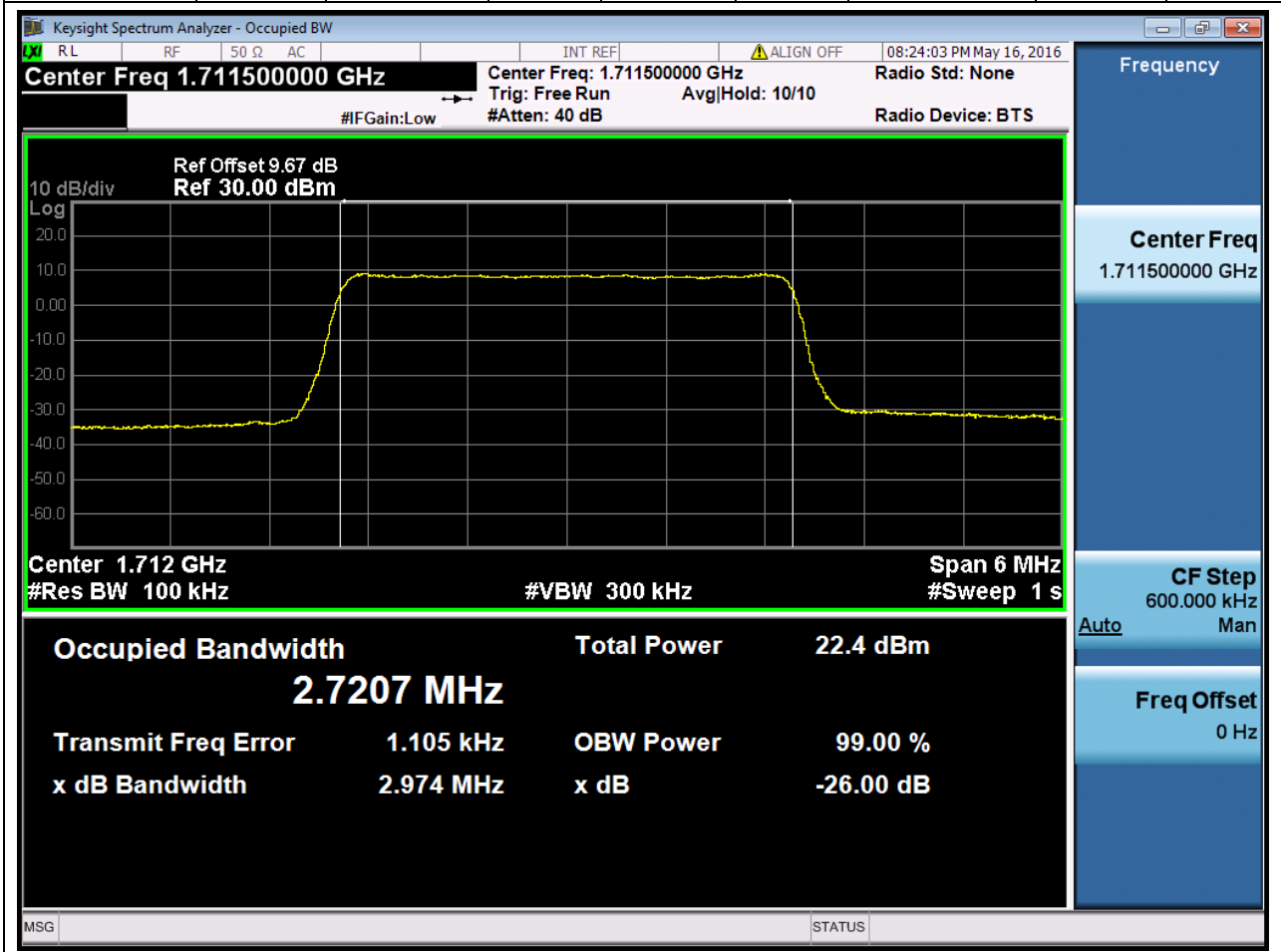| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.1	RMS	1.16	1.34	1.4	Pass

1.6. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:16QAM, 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	0.1	RMS	1.15	1.35	1.4	Pass

1.7. 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	0.1	RMS	2.72	2.97	3	Pass

1.8. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:16QAM, RB Number: 15, RB Position:LOW)
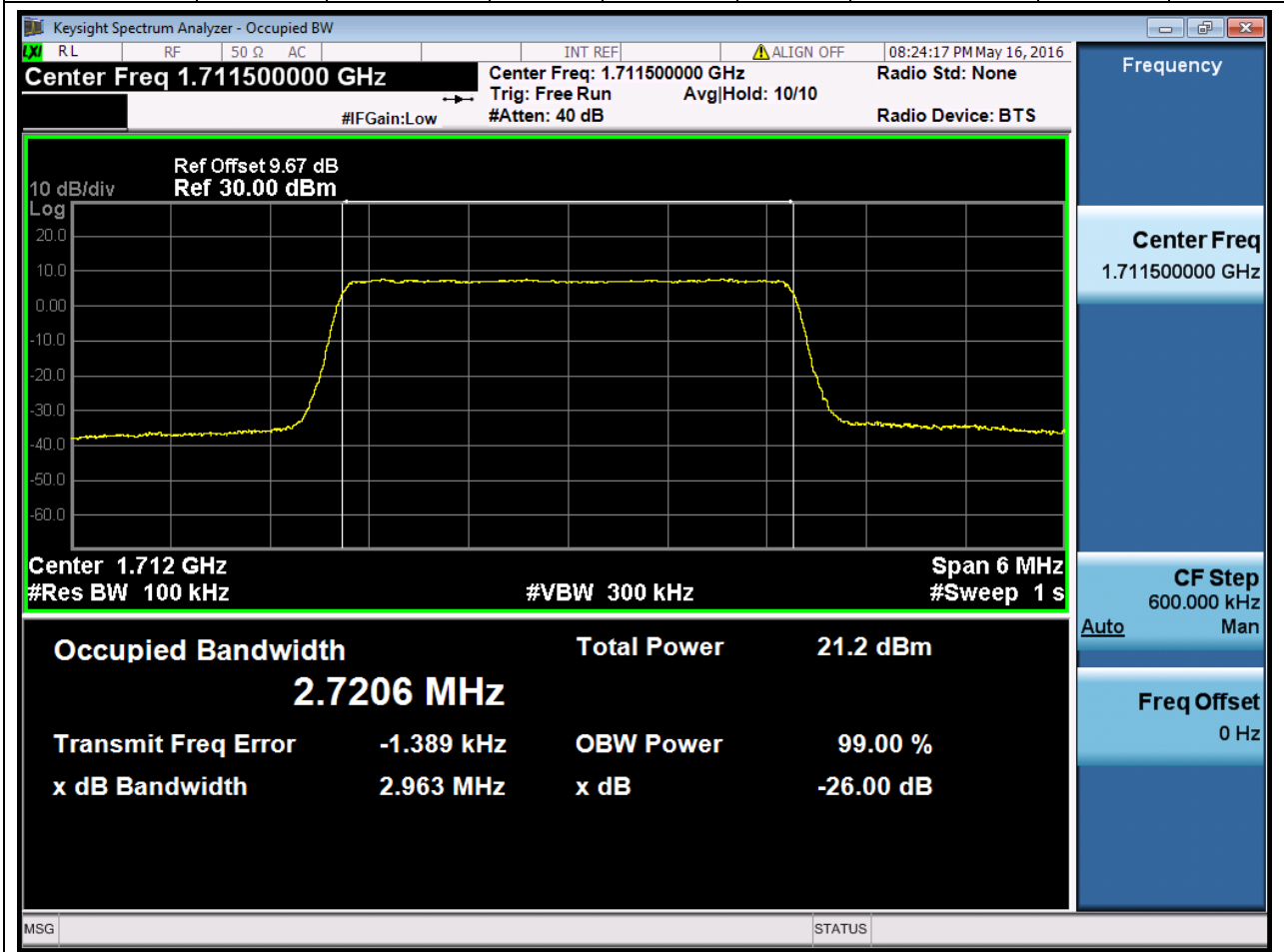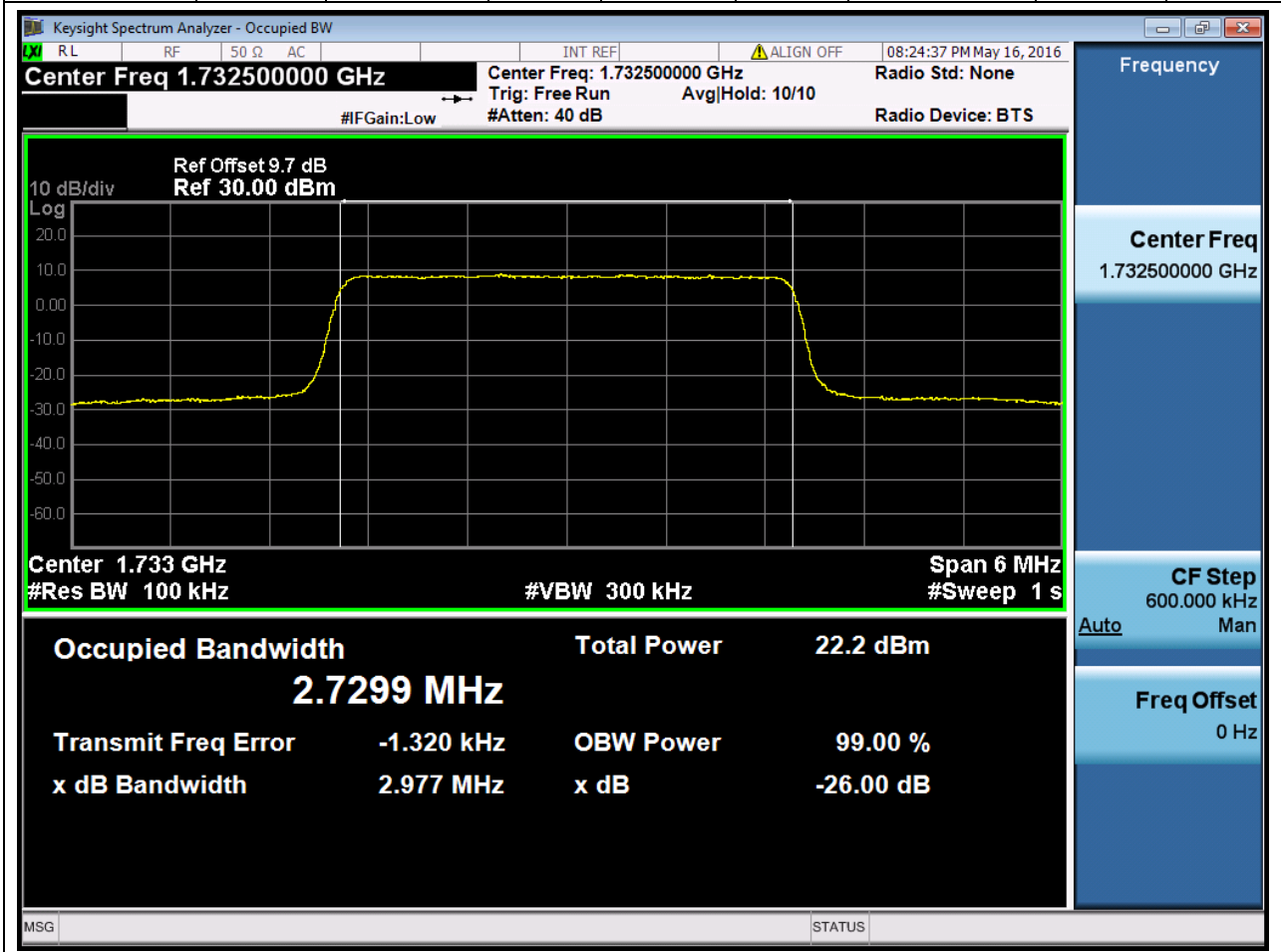
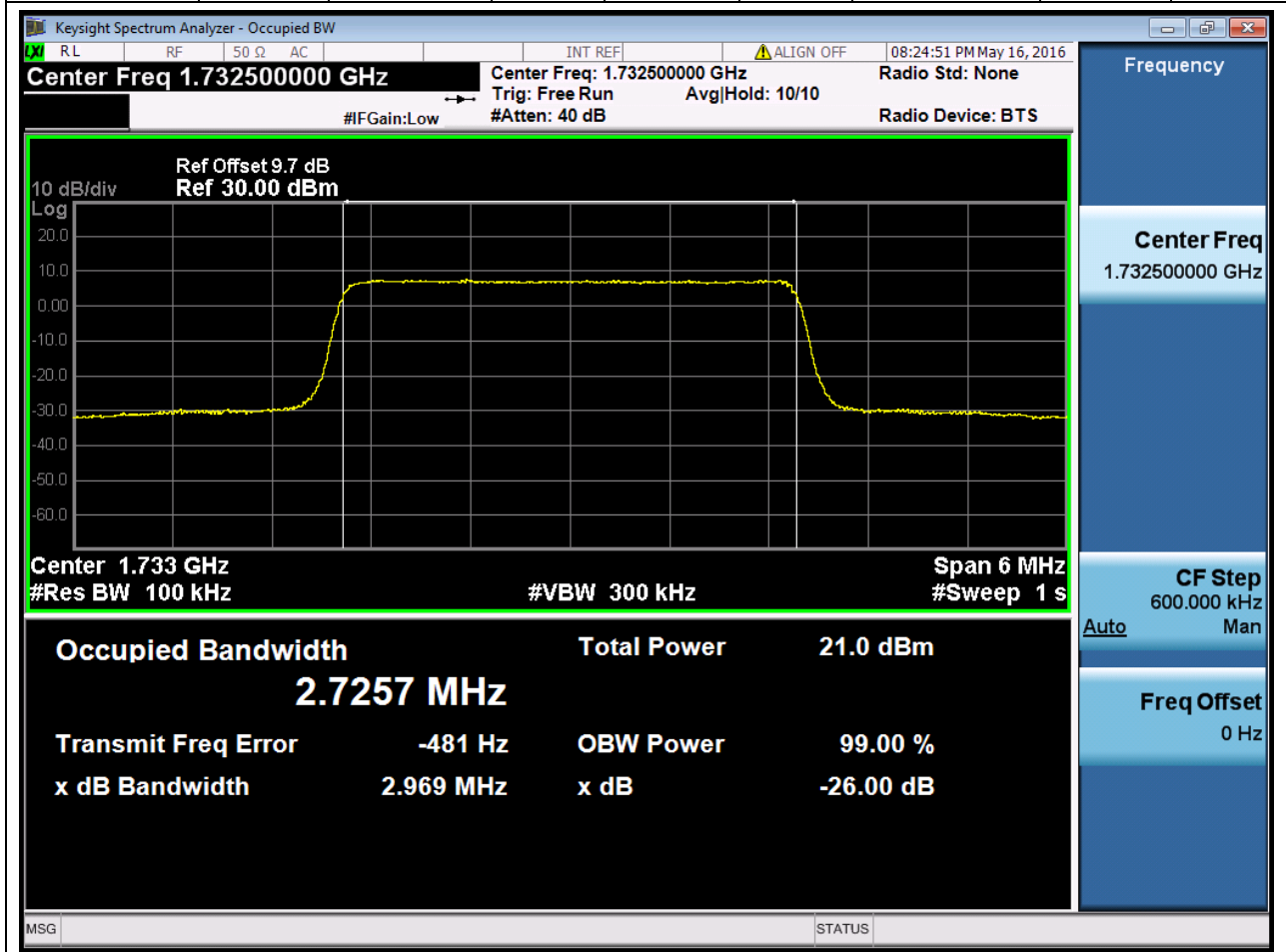| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.1	RMS	2.72	2.96	3	Pass

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

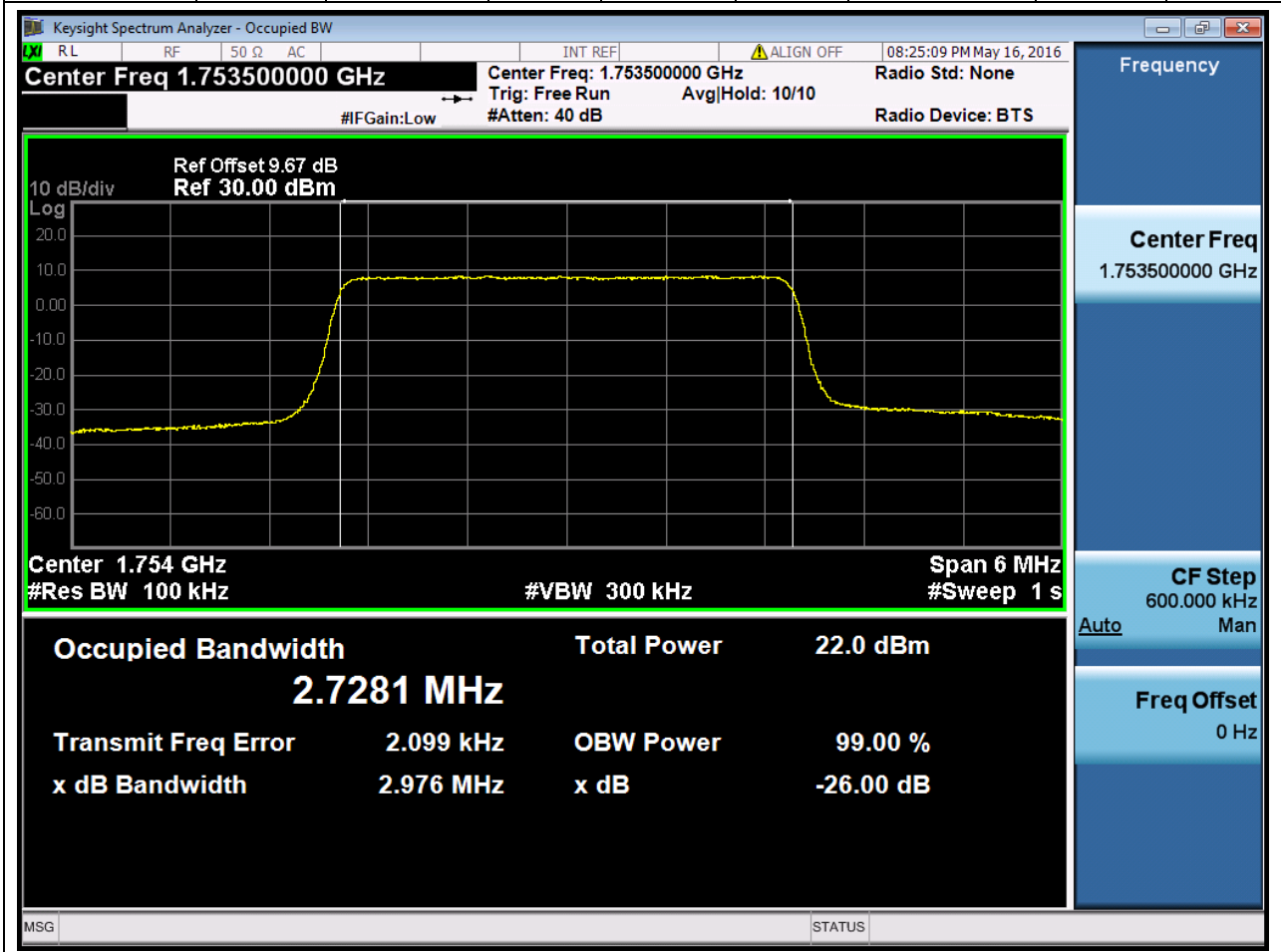| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	2.73	2.98	3	Pass

1.10. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:16QAM, 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	0.1	RMS	2.73	2.97	3	Pass

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

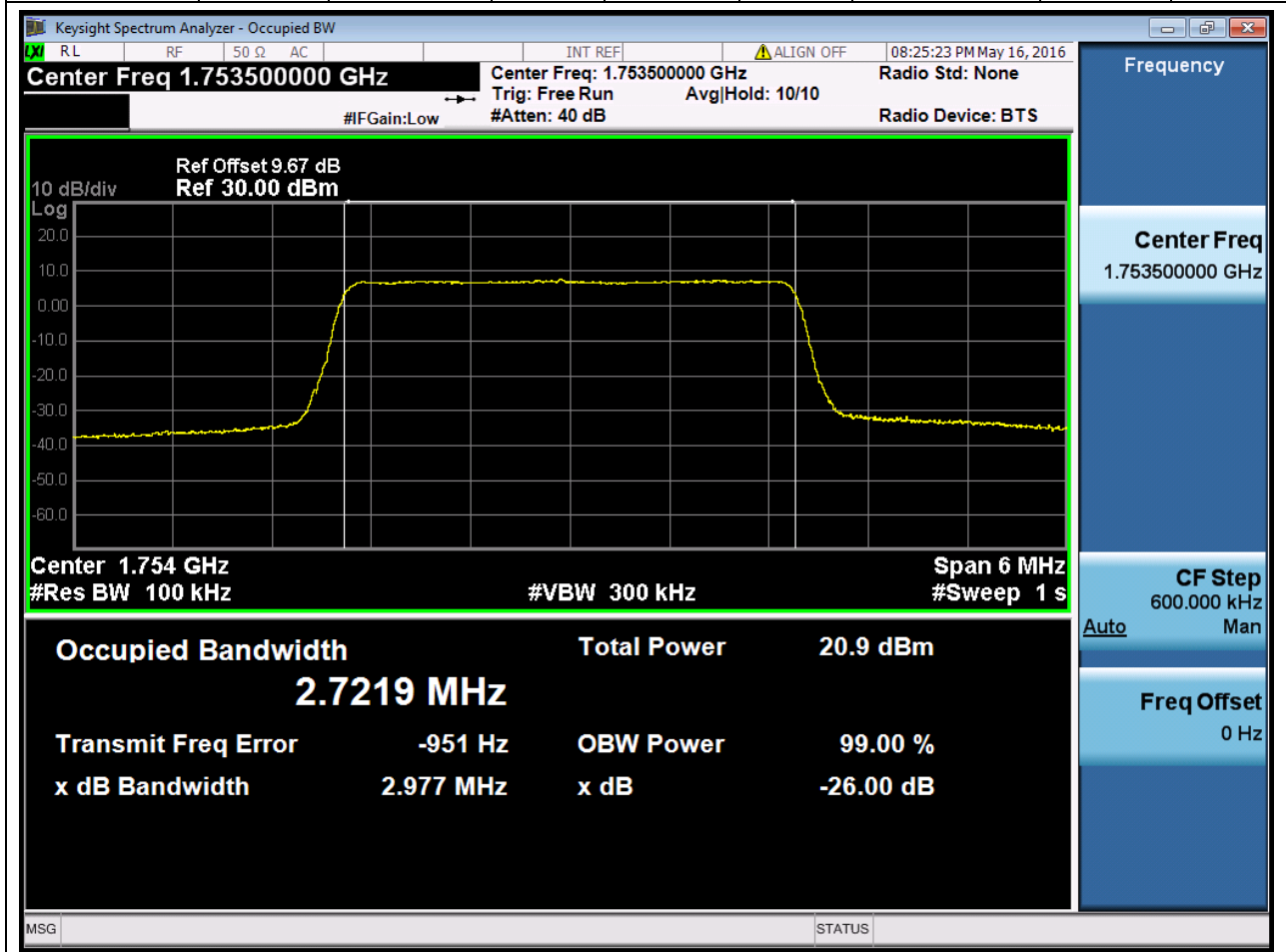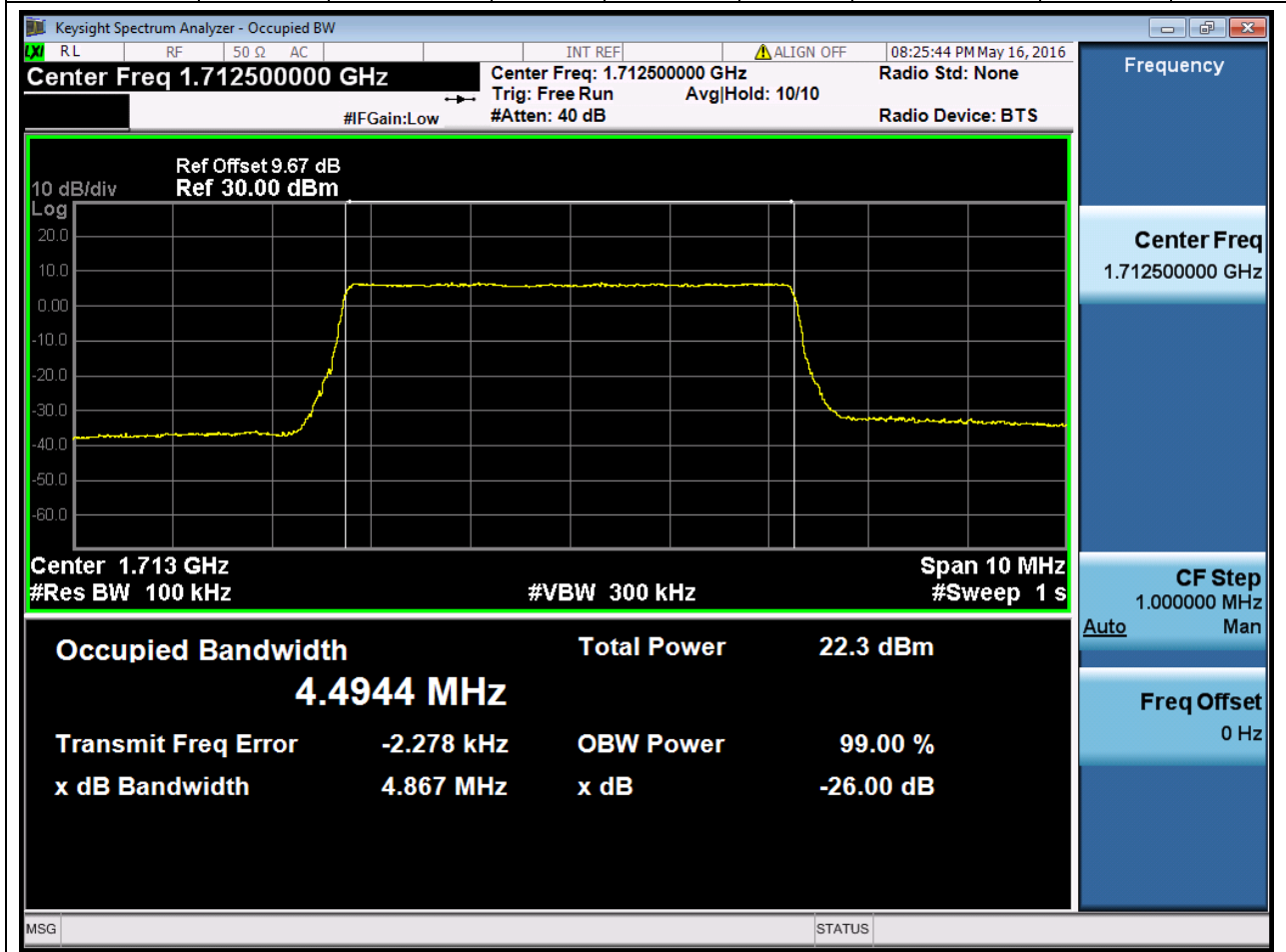| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.1	RMS	2.73	2.98	3	Pass

1.12. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:16QAM, 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	0.1	RMS	2.72	2.98	3	Pass

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

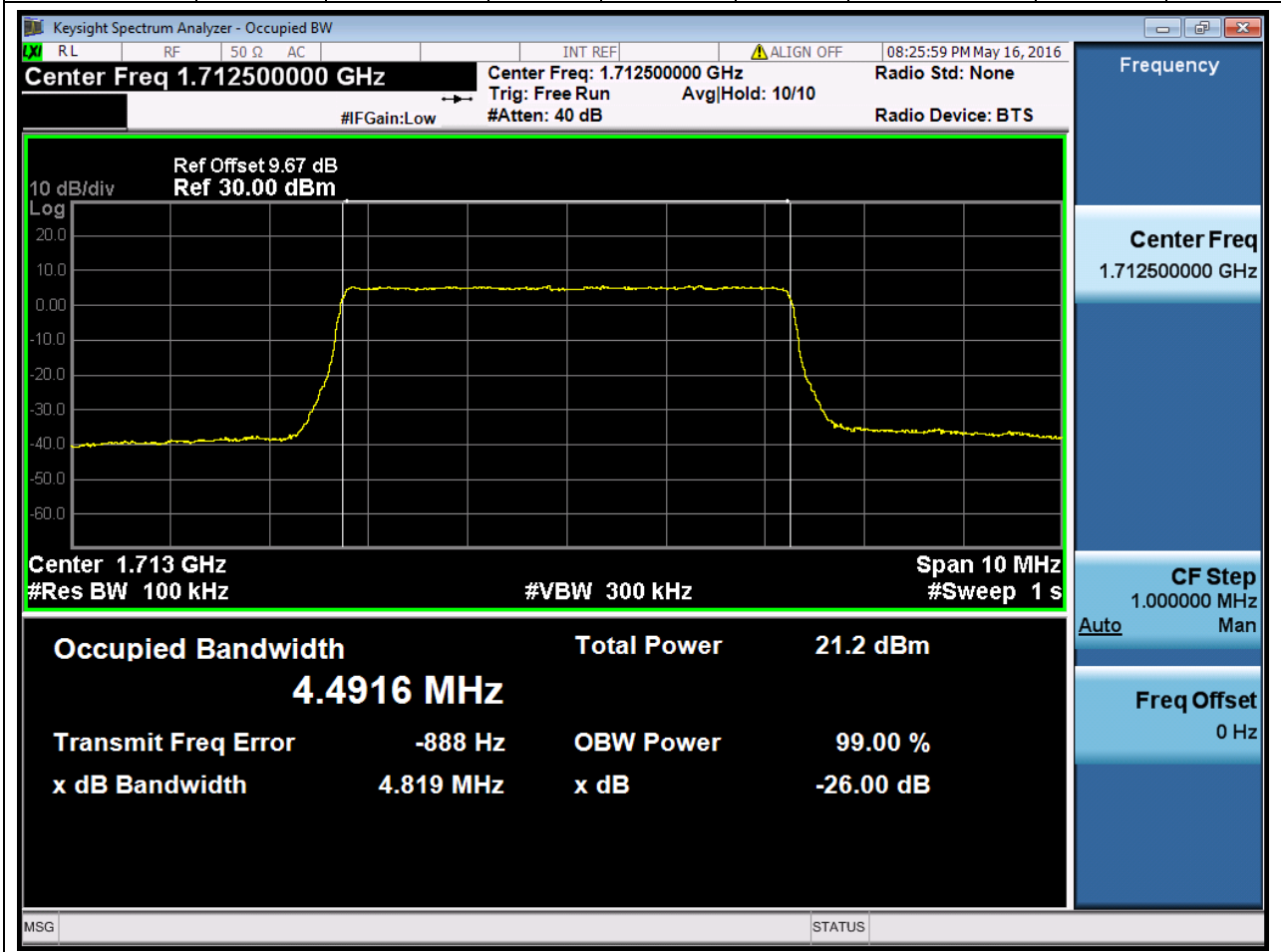| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	RMS	4.49	4.87	5	Pass

1.14. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	RMS	4.49	4.82	5	Pass

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

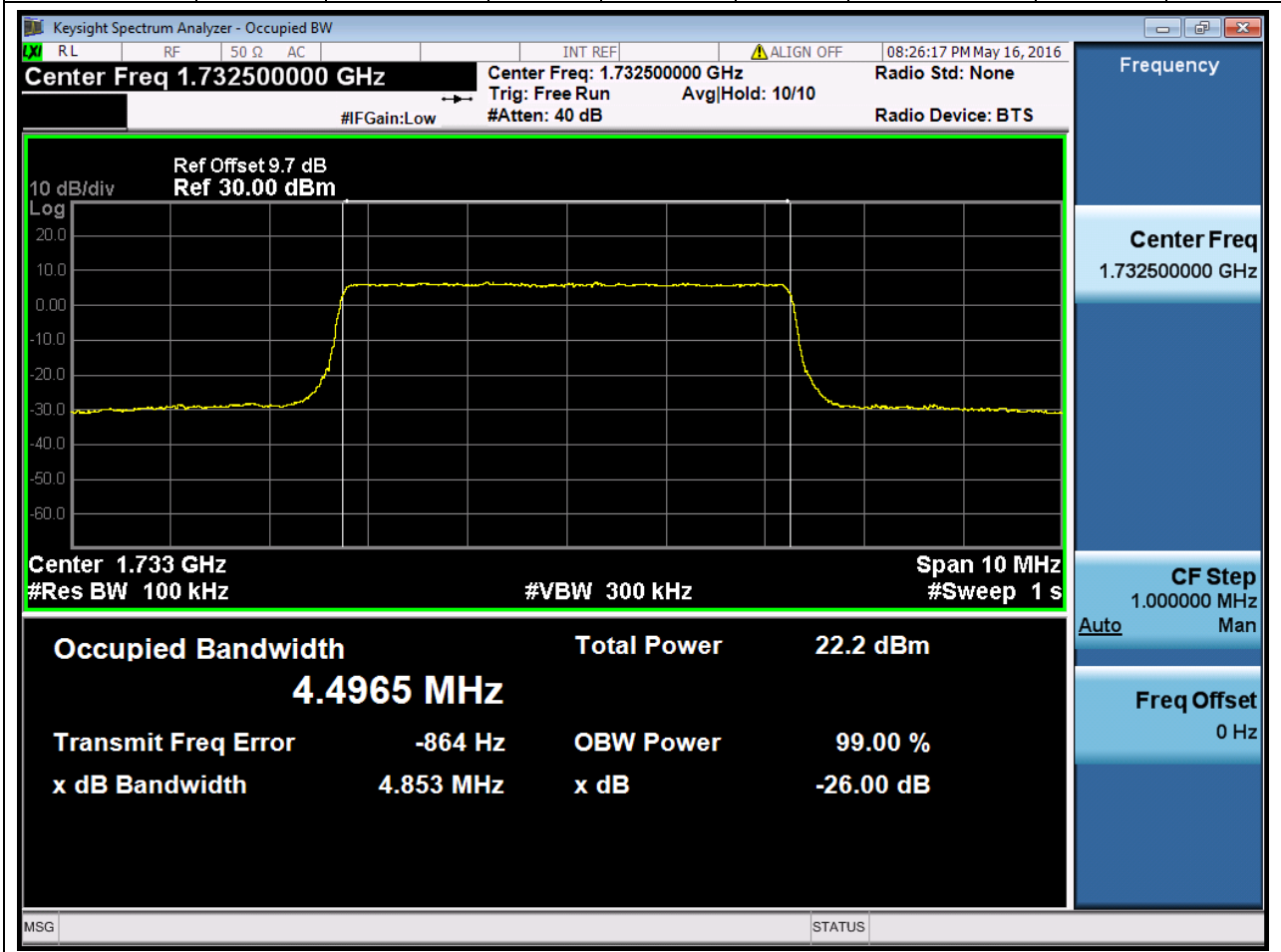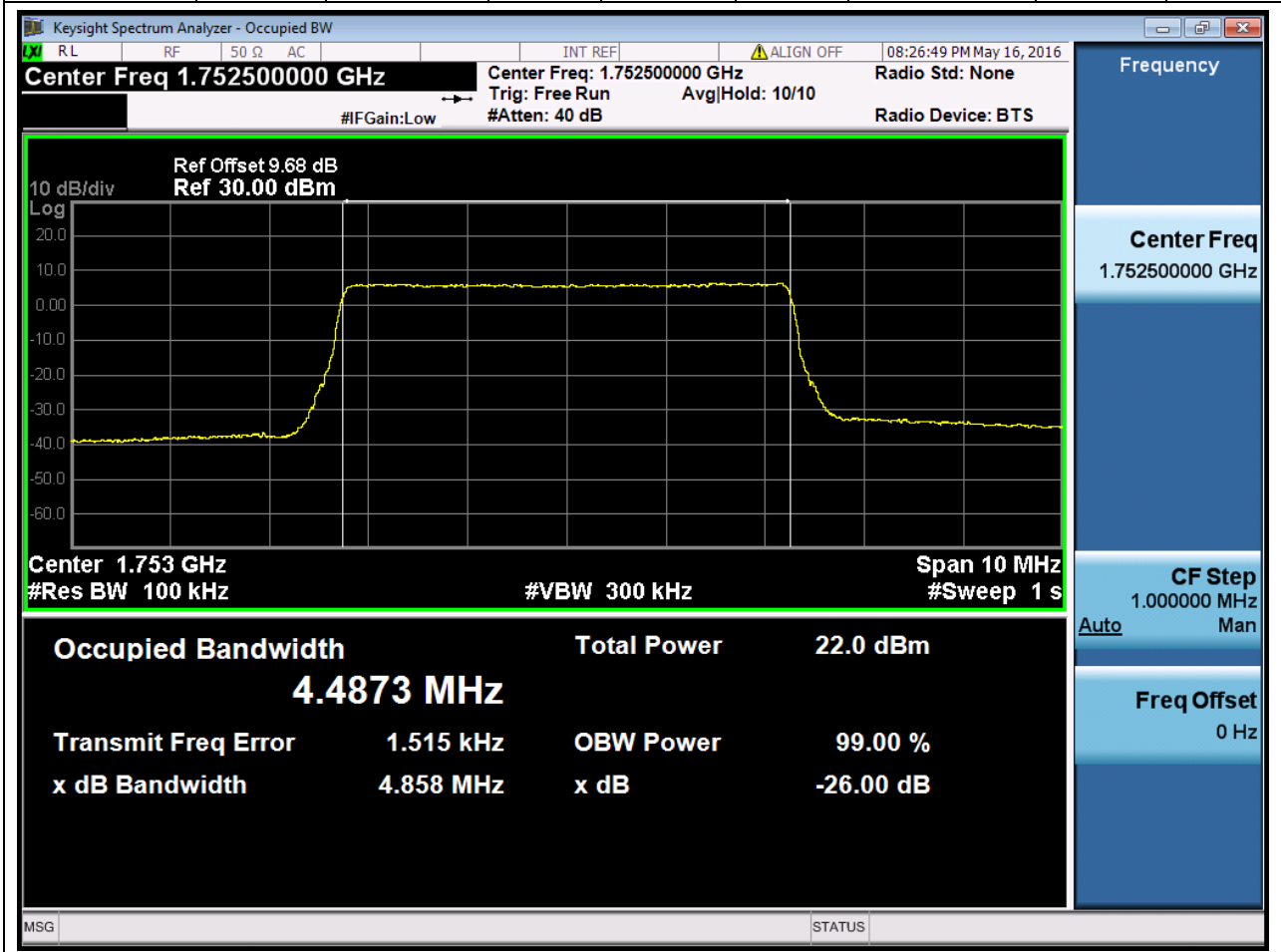| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	4.5	4.85	5	Pass

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

Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	4.49	4.86	5	Pass

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

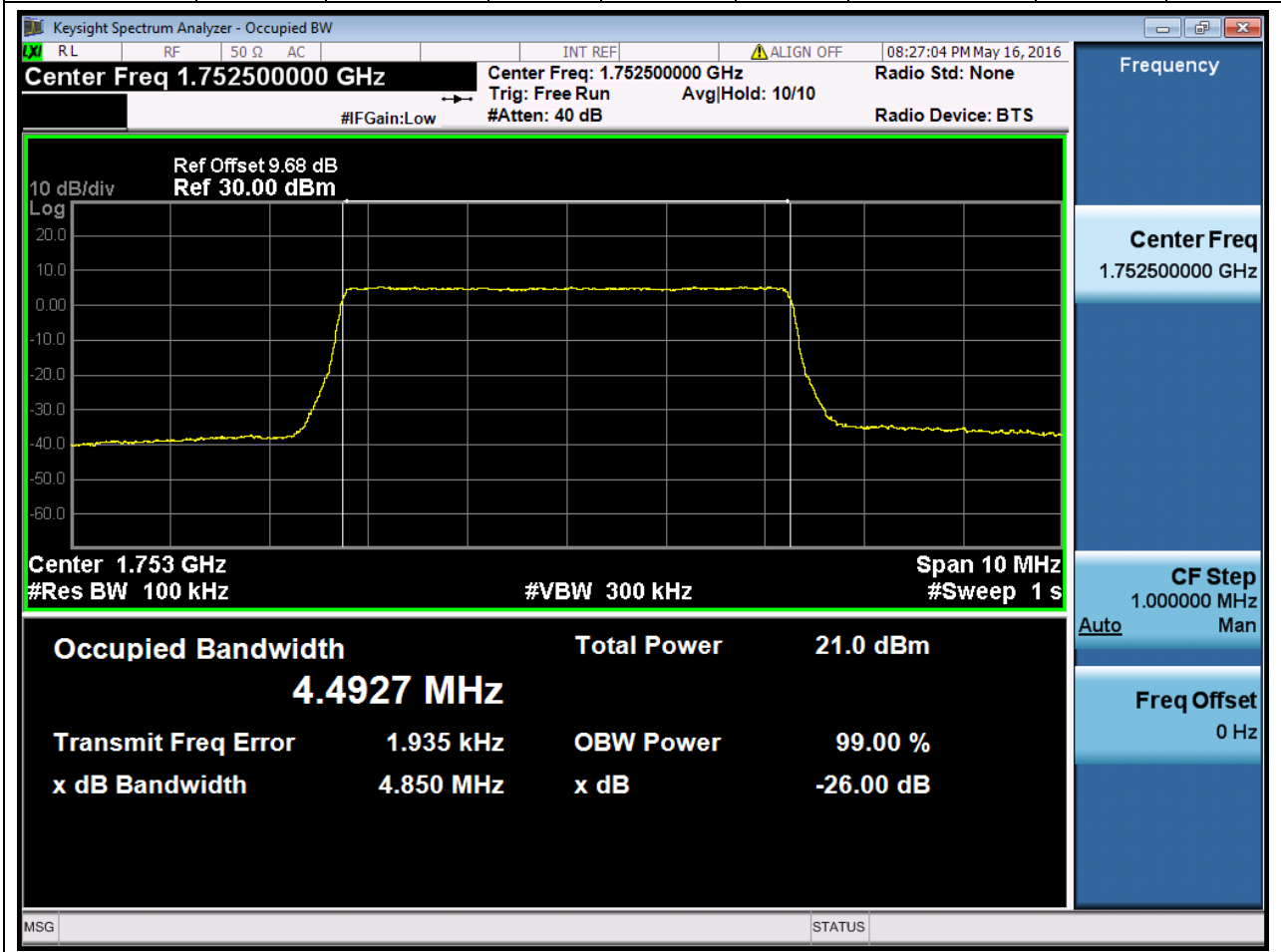| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	RMS	4.49	4.86	5	Pass

1.18. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number: 25, RB Position:LOW)

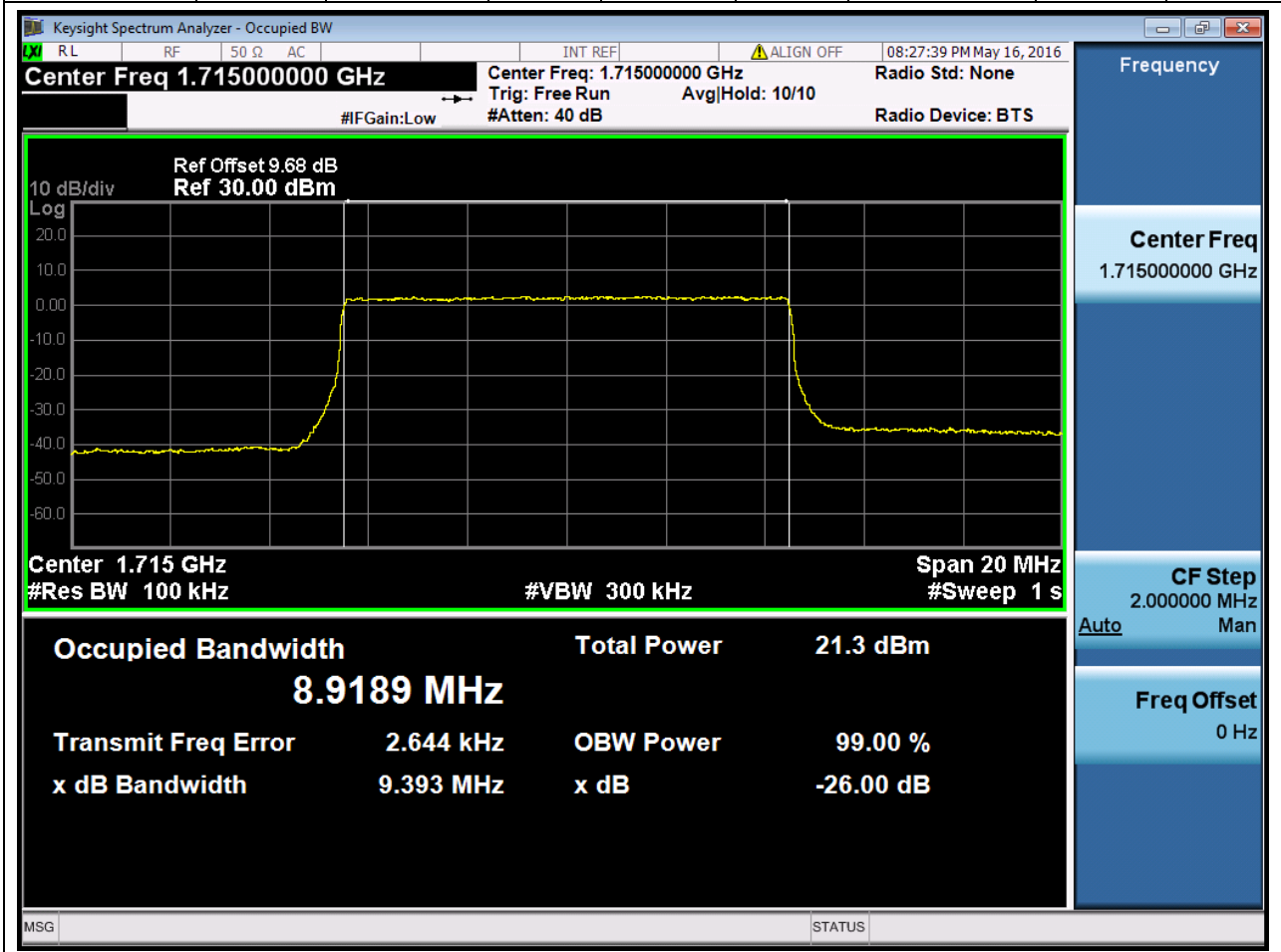| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	RMS	4.49	4.85	5	Pass

1.19. 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	0.1	RMS	8.93	9.41	10	Pass

1.20. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)

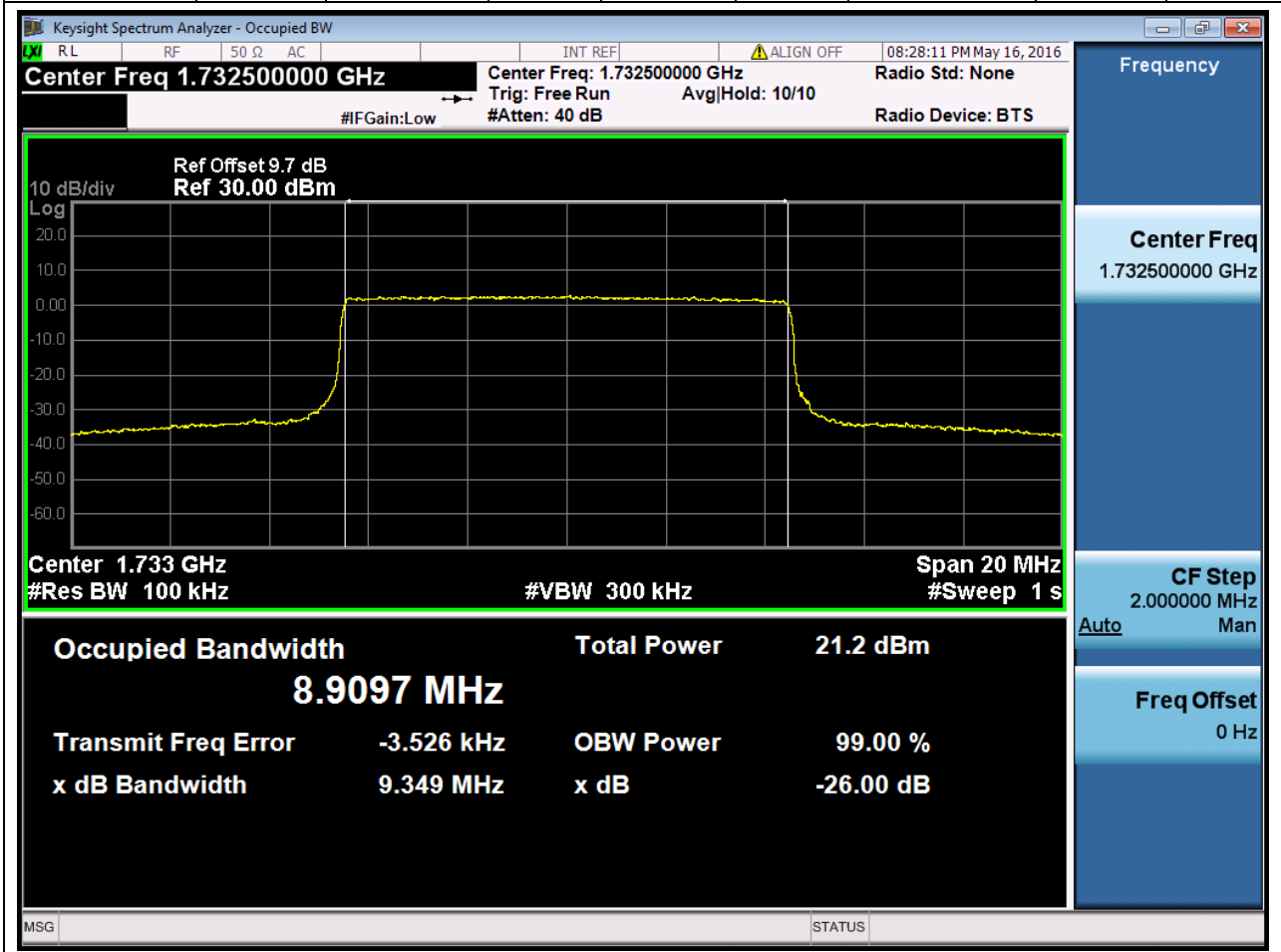| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.1	RMS	8.92	9.39	10	Pass

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

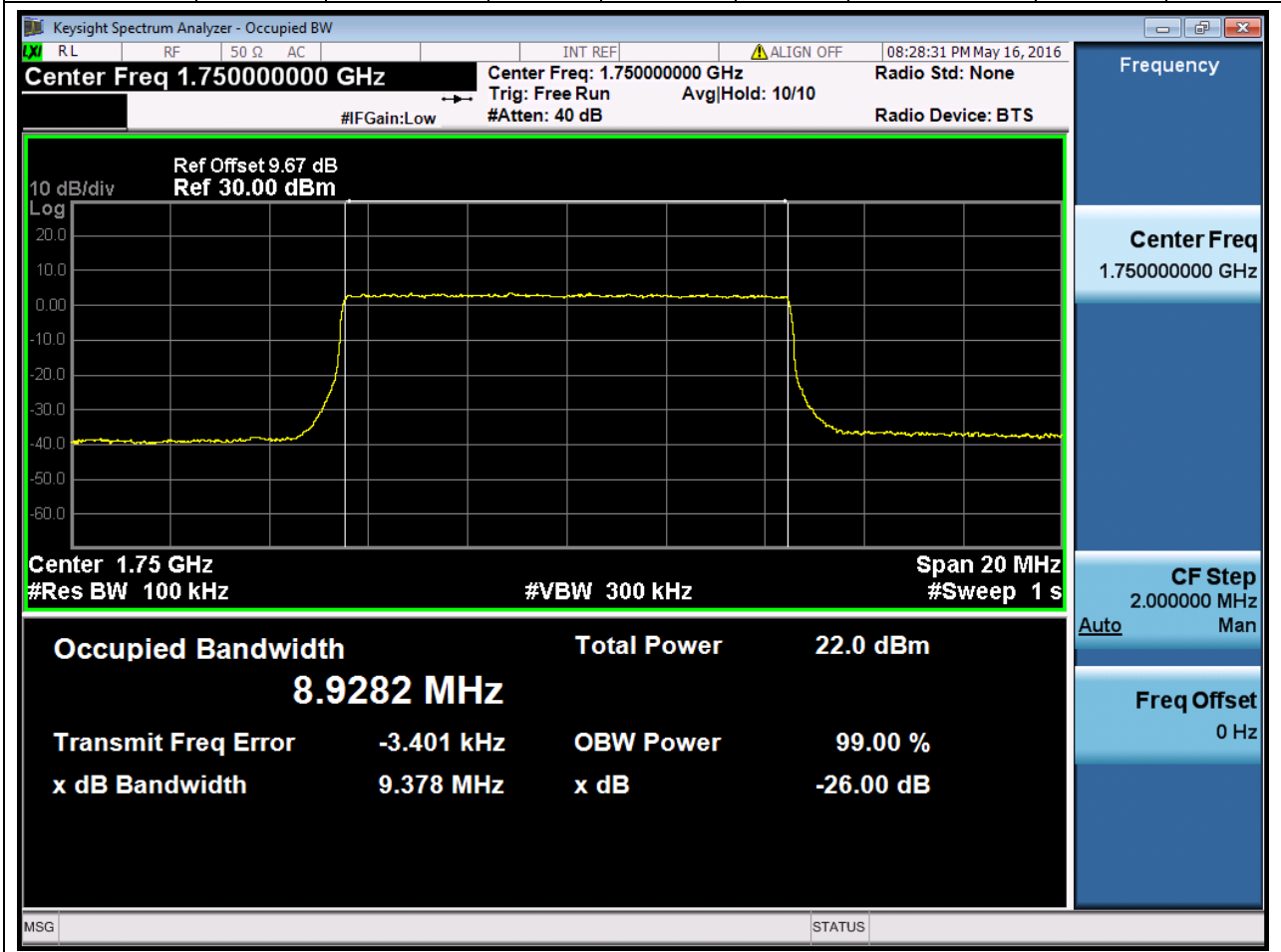| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	8.91	9.39	10	Pass

1.22. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	8.91	9.35	10	Pass

1.23. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)
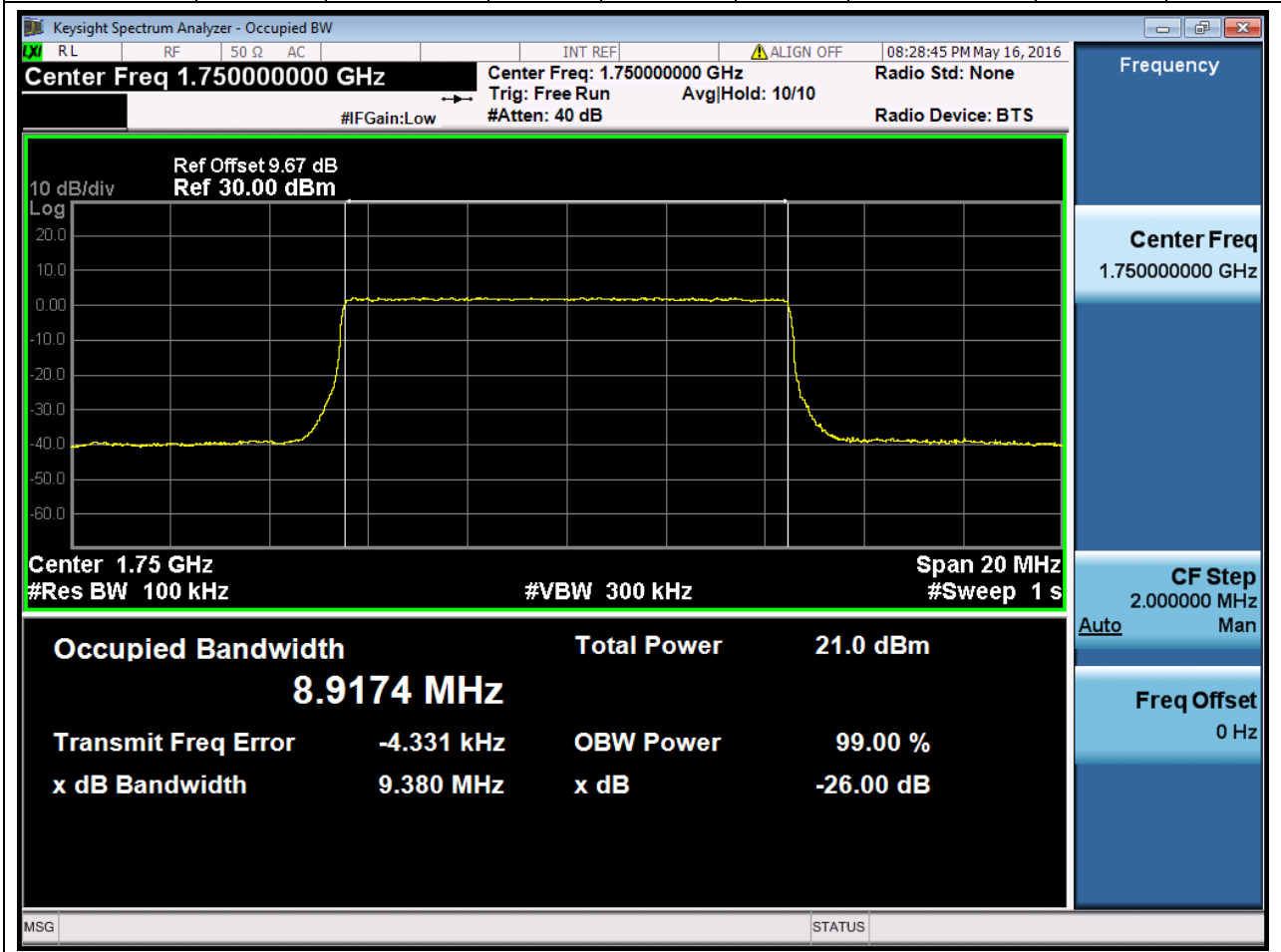
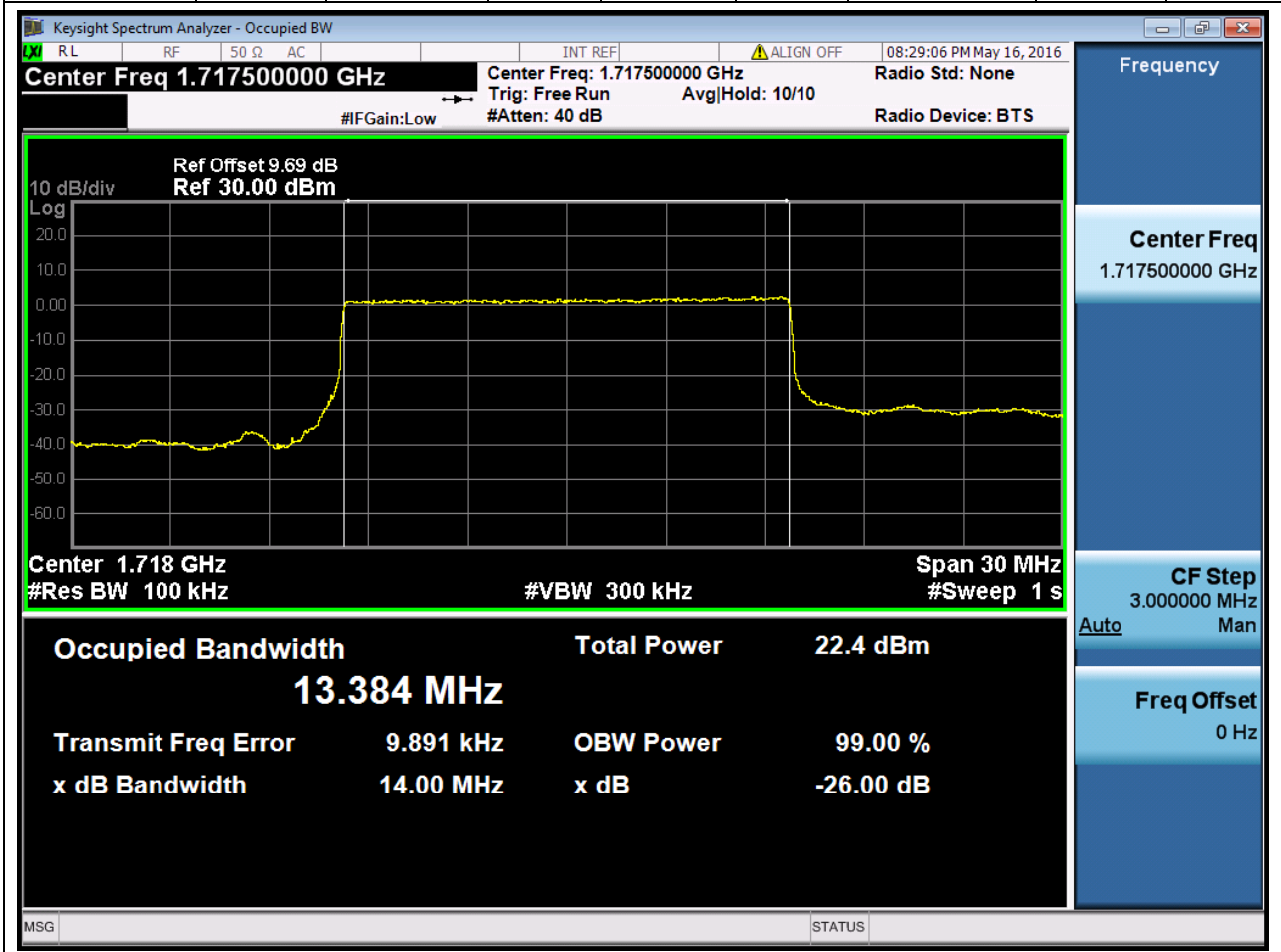| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.1	RMS	8.93	9.38	10	Pass

1.24. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:16QAM, RB Number: 50, RB Position:LOW)

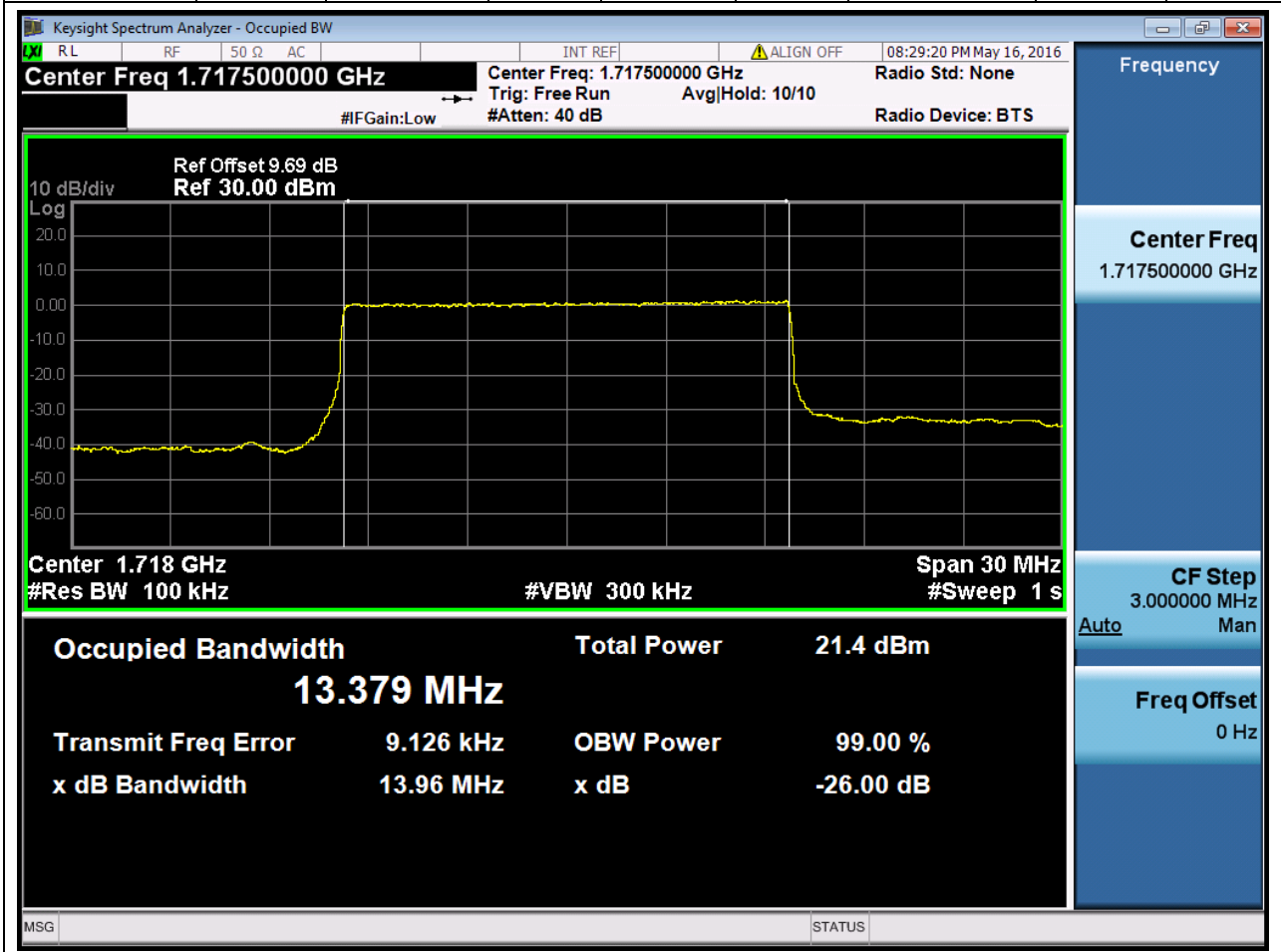| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.1	RMS	8.92	9.38	10	Pass

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

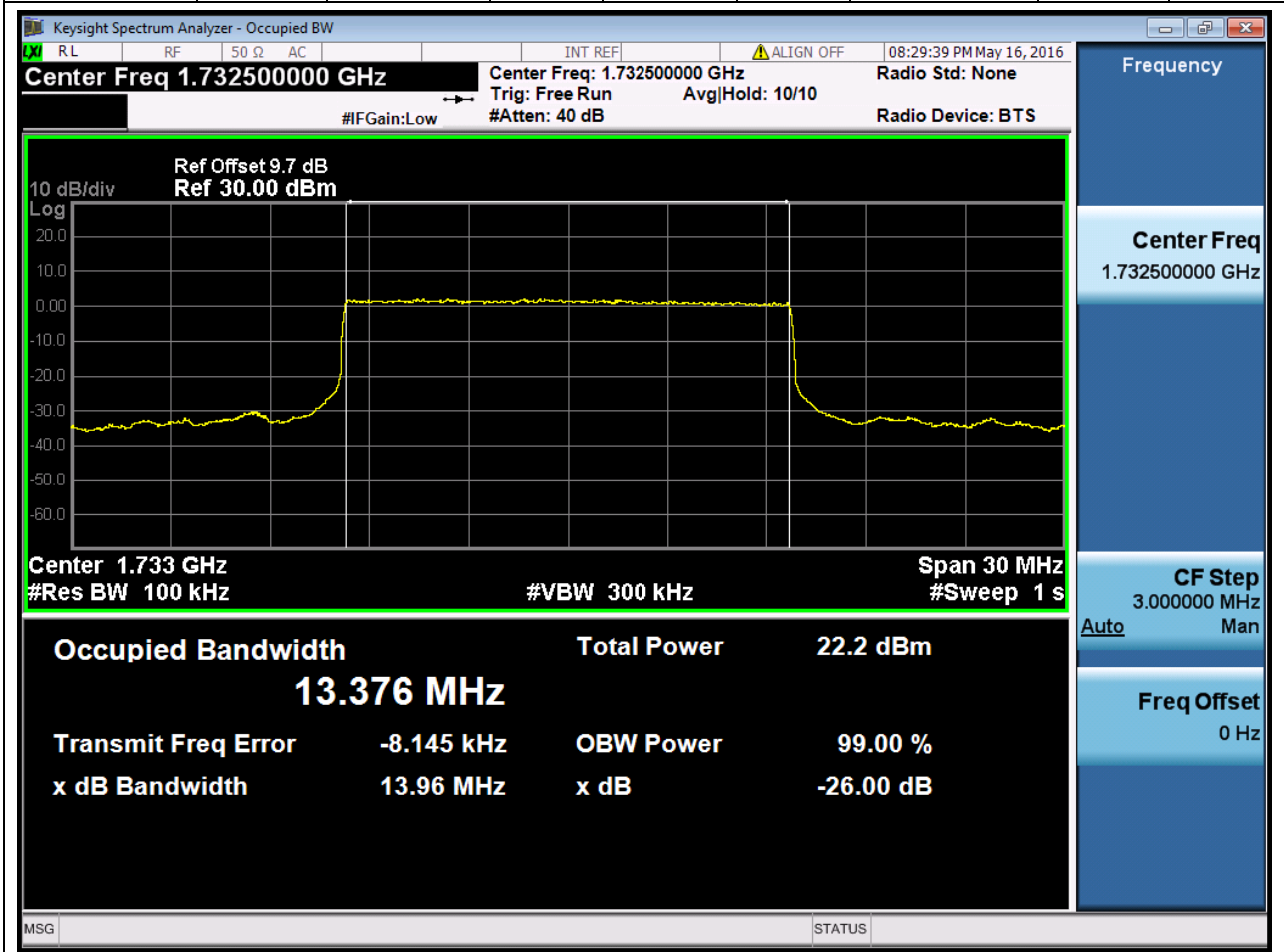| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.1	RMS	13.38	14	15	Pass

1.26. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)

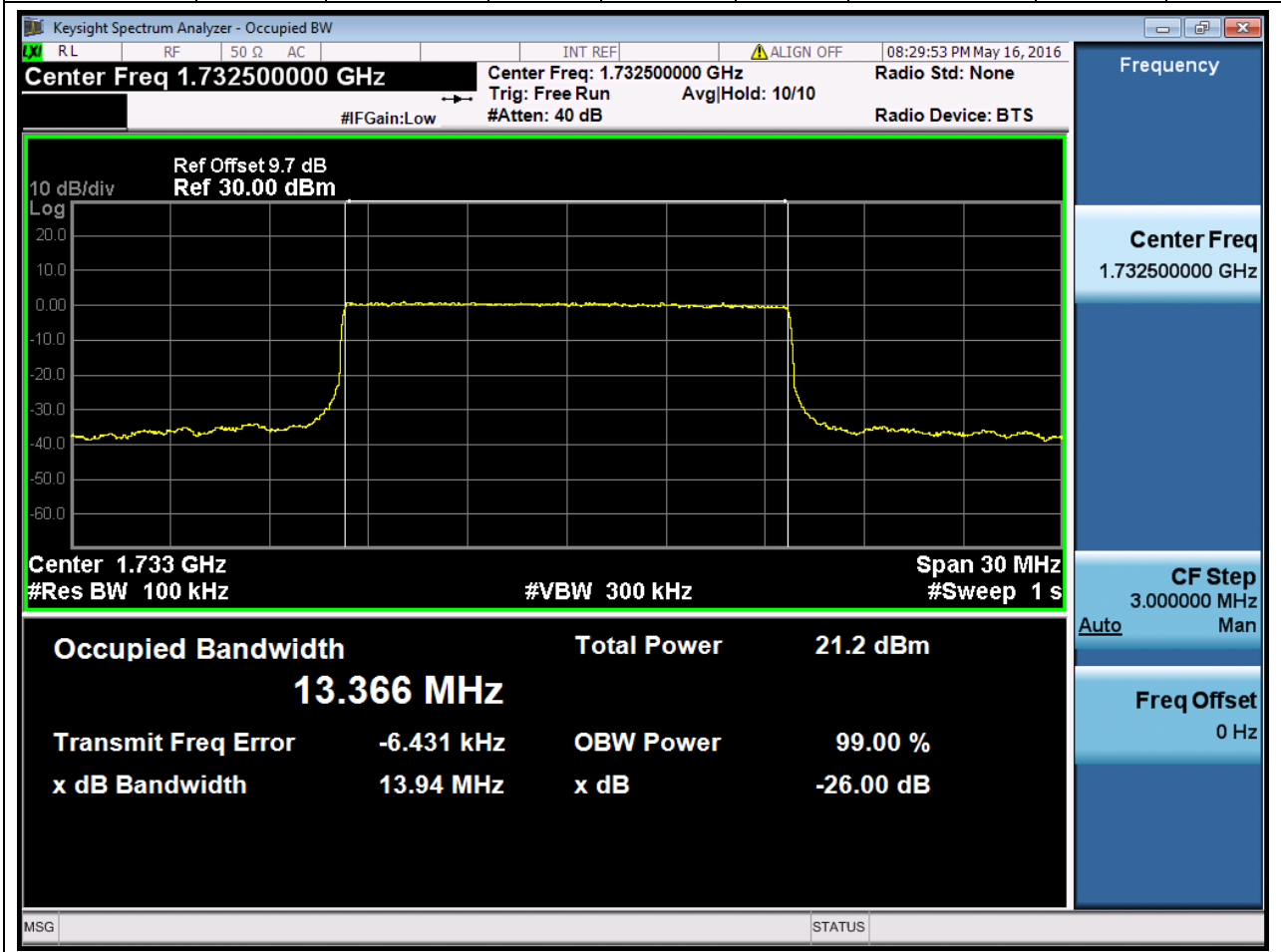| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.1	RMS	13.38	13.96	15	Pass

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

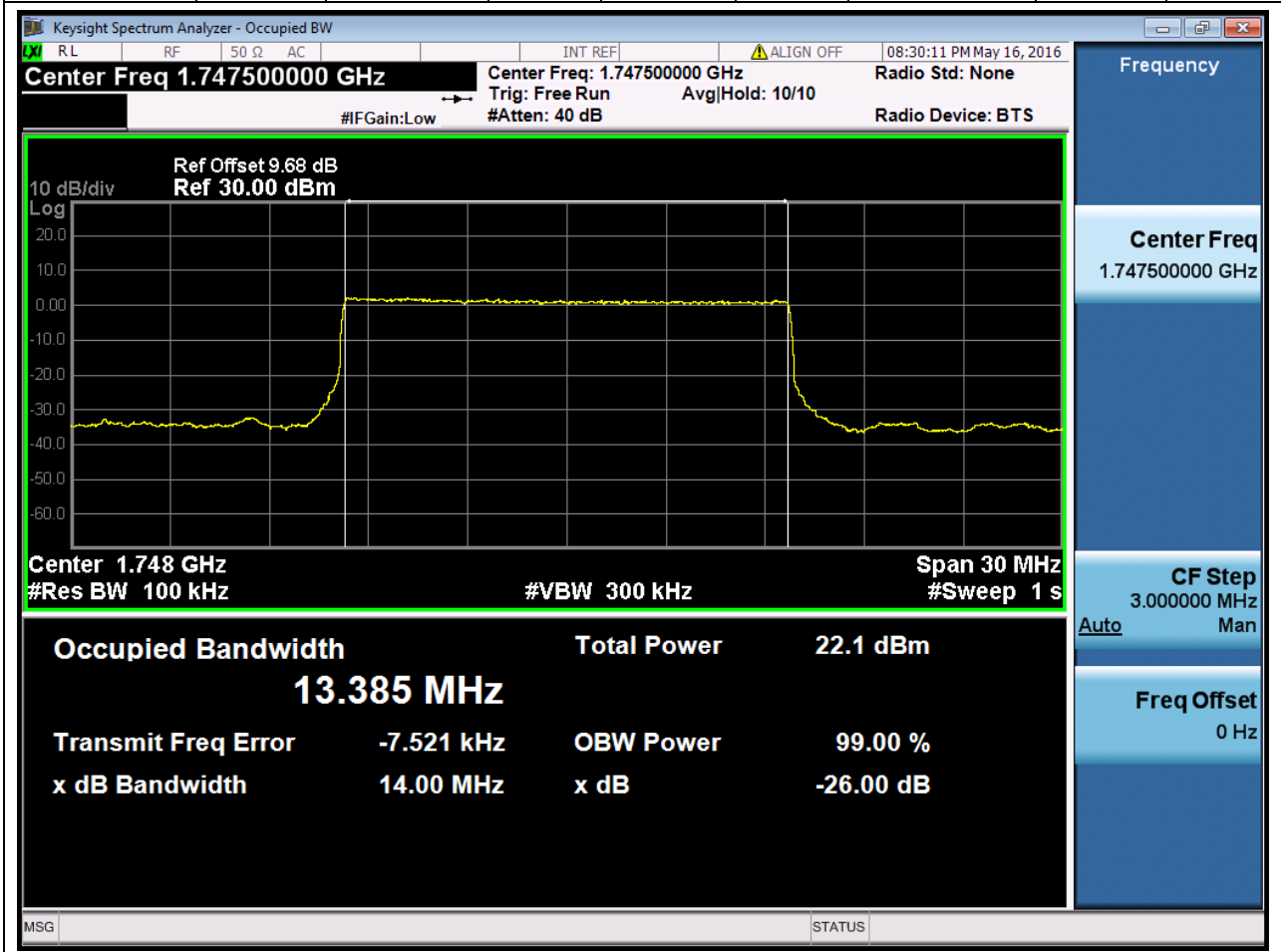| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	13.38	13.96	15	Pass

1.28. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)

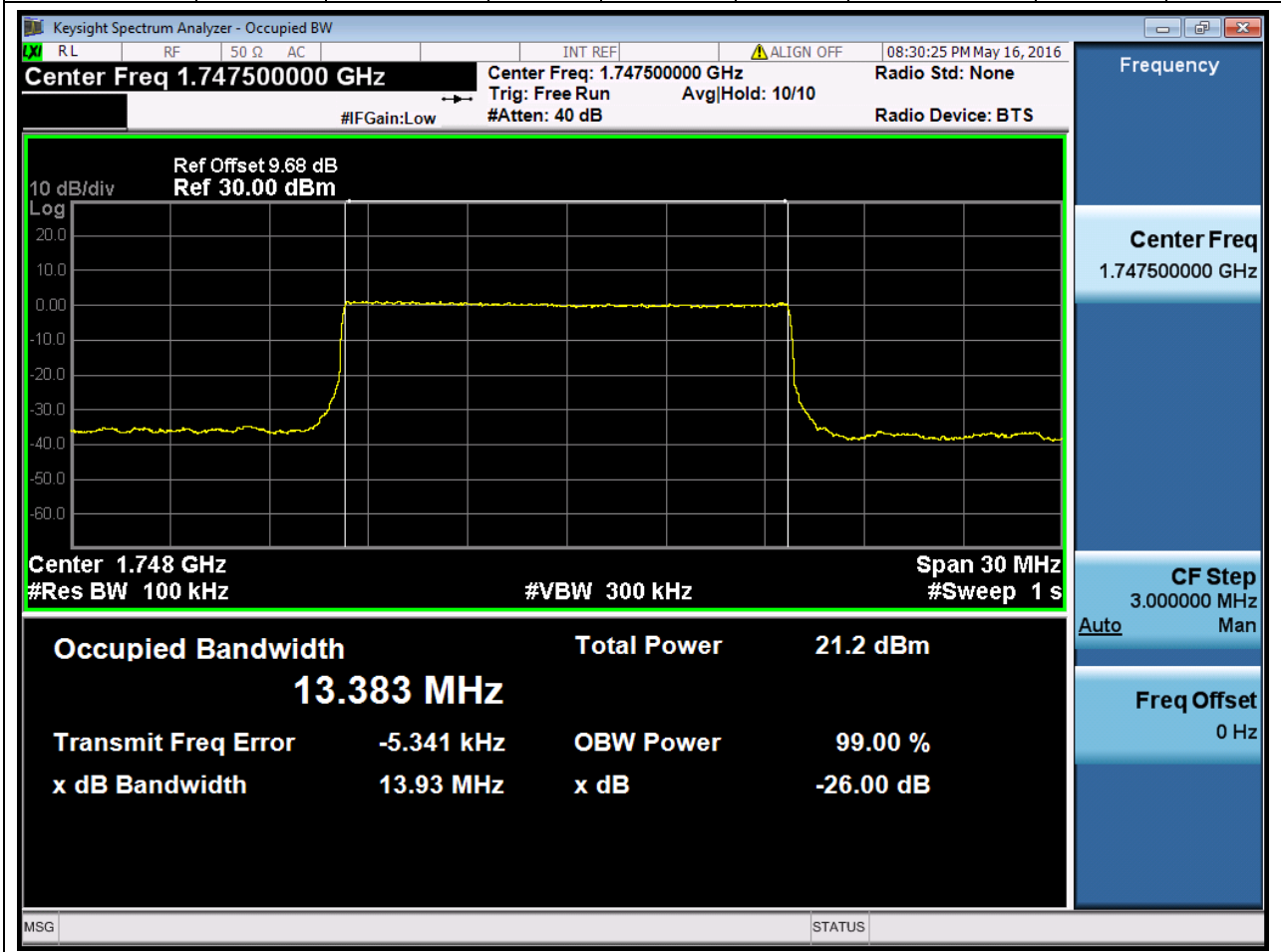| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	13.37	13.94	15	Pass

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

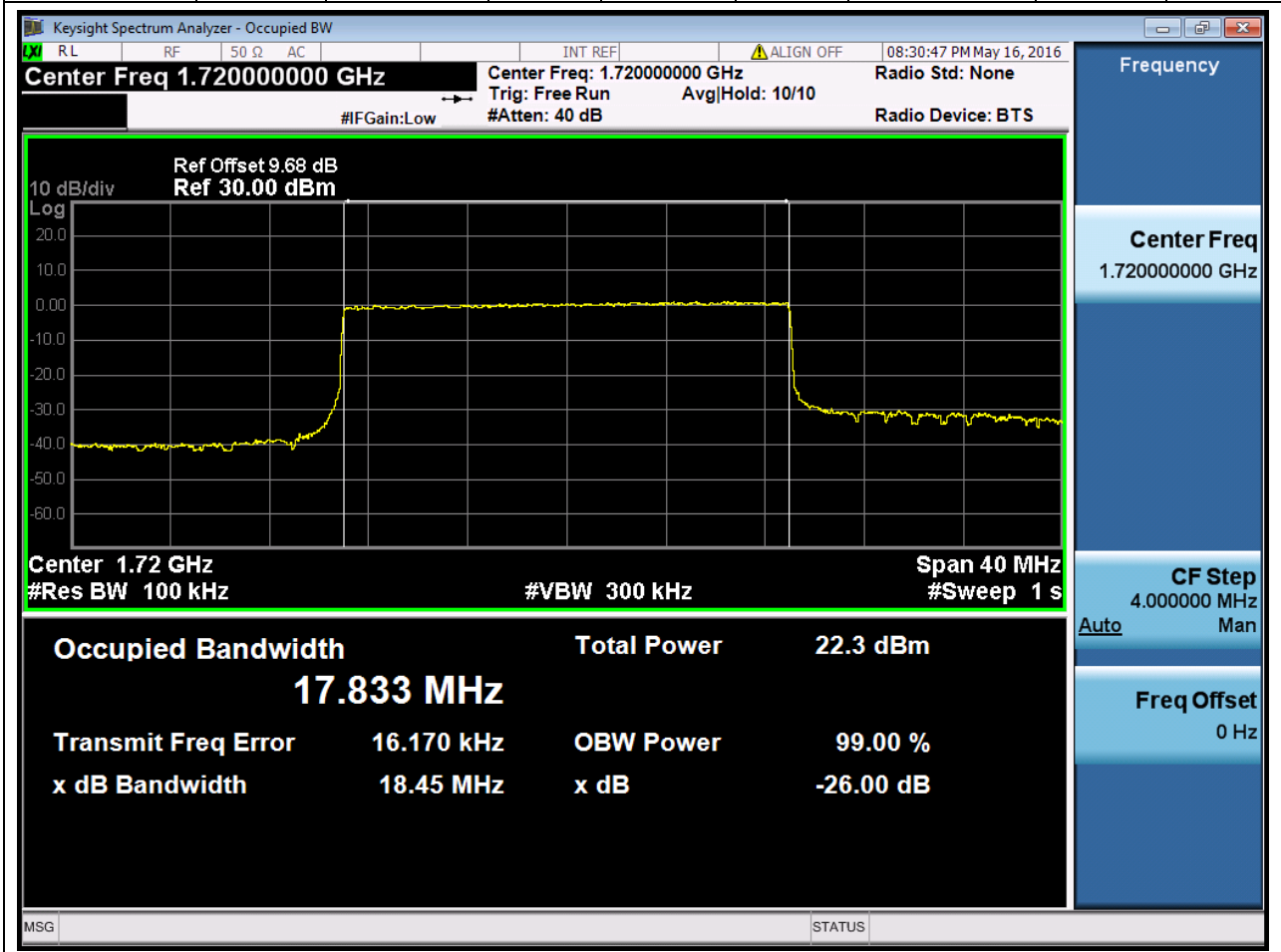| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.1	RMS	13.39	14	15	Pass

1.30. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.1	RMS	13.38	13.93	15	Pass

1.31. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)
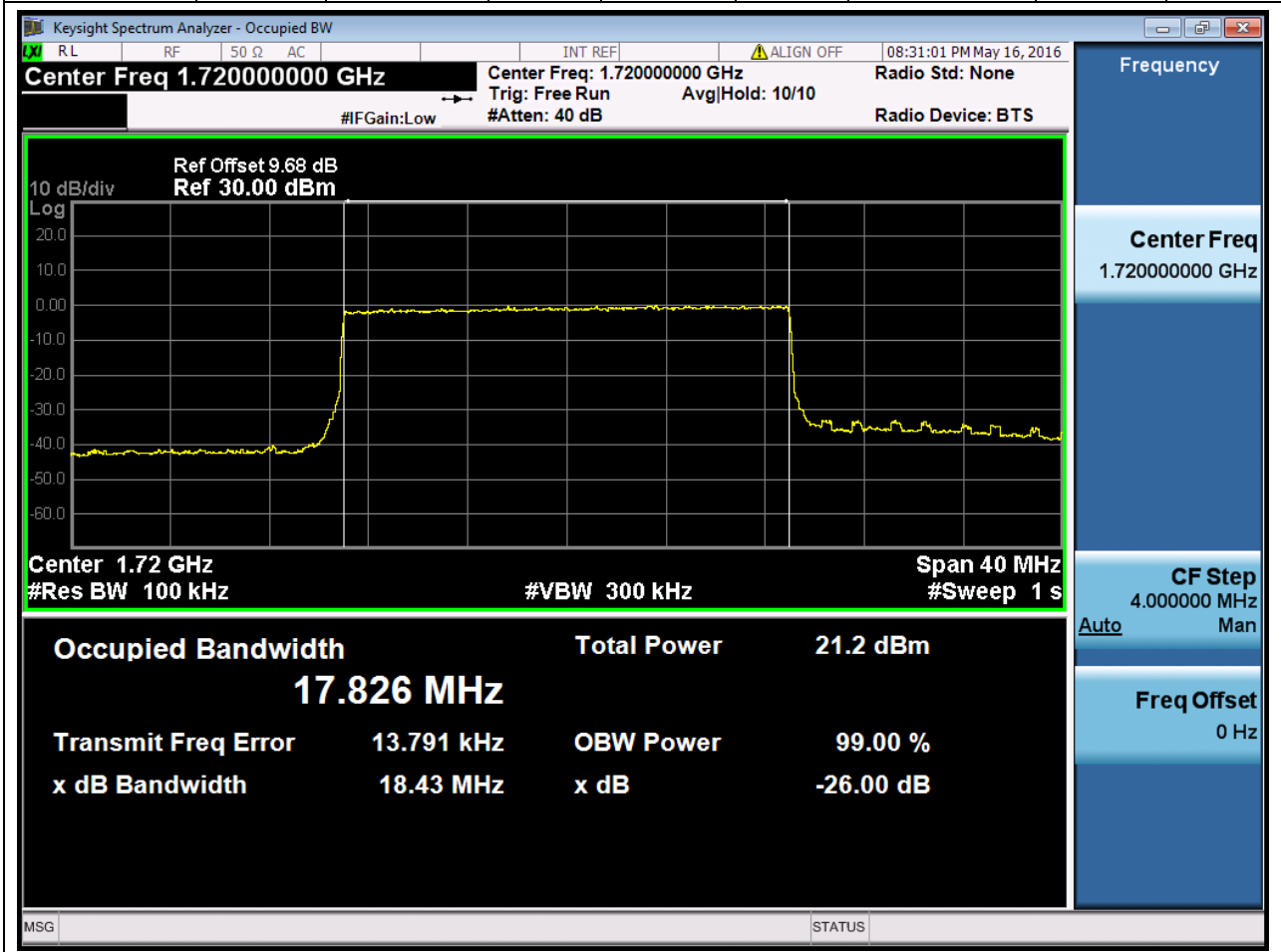
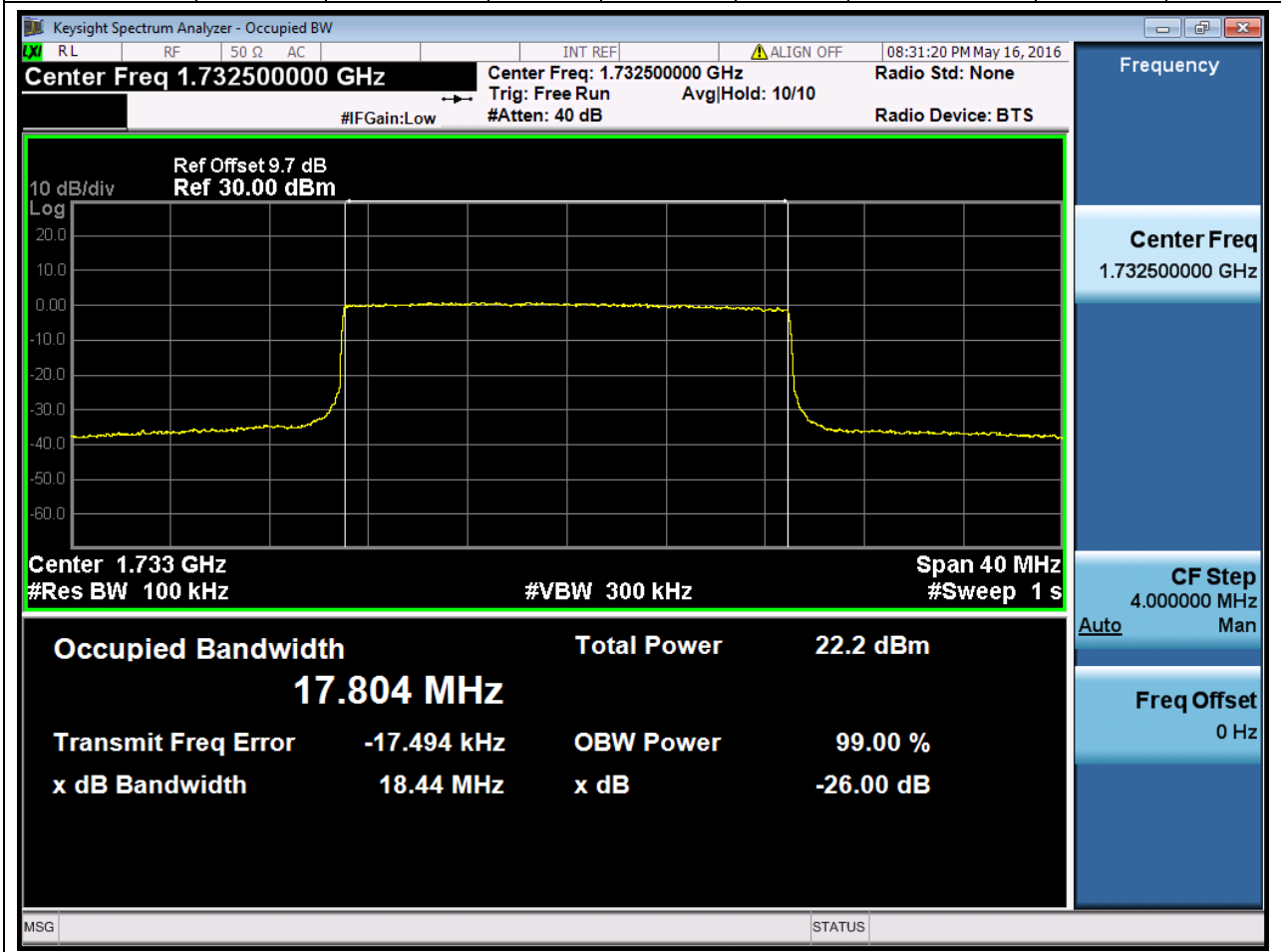| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.1	RMS	17.83	18.45	20	Pass

1.32. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number: 100, RB Position:LOW)

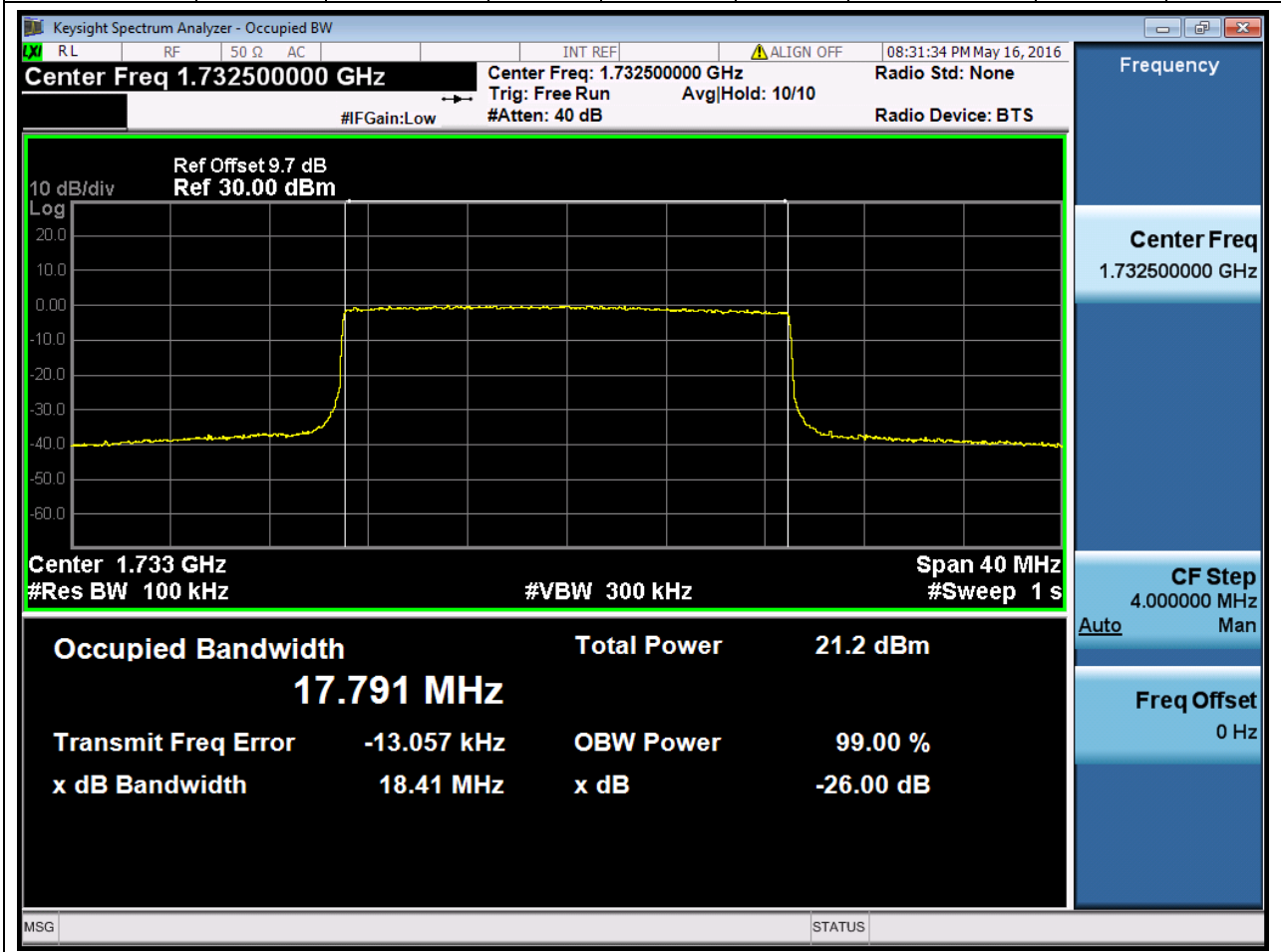| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.1	RMS	17.83	18.43	20	Pass

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

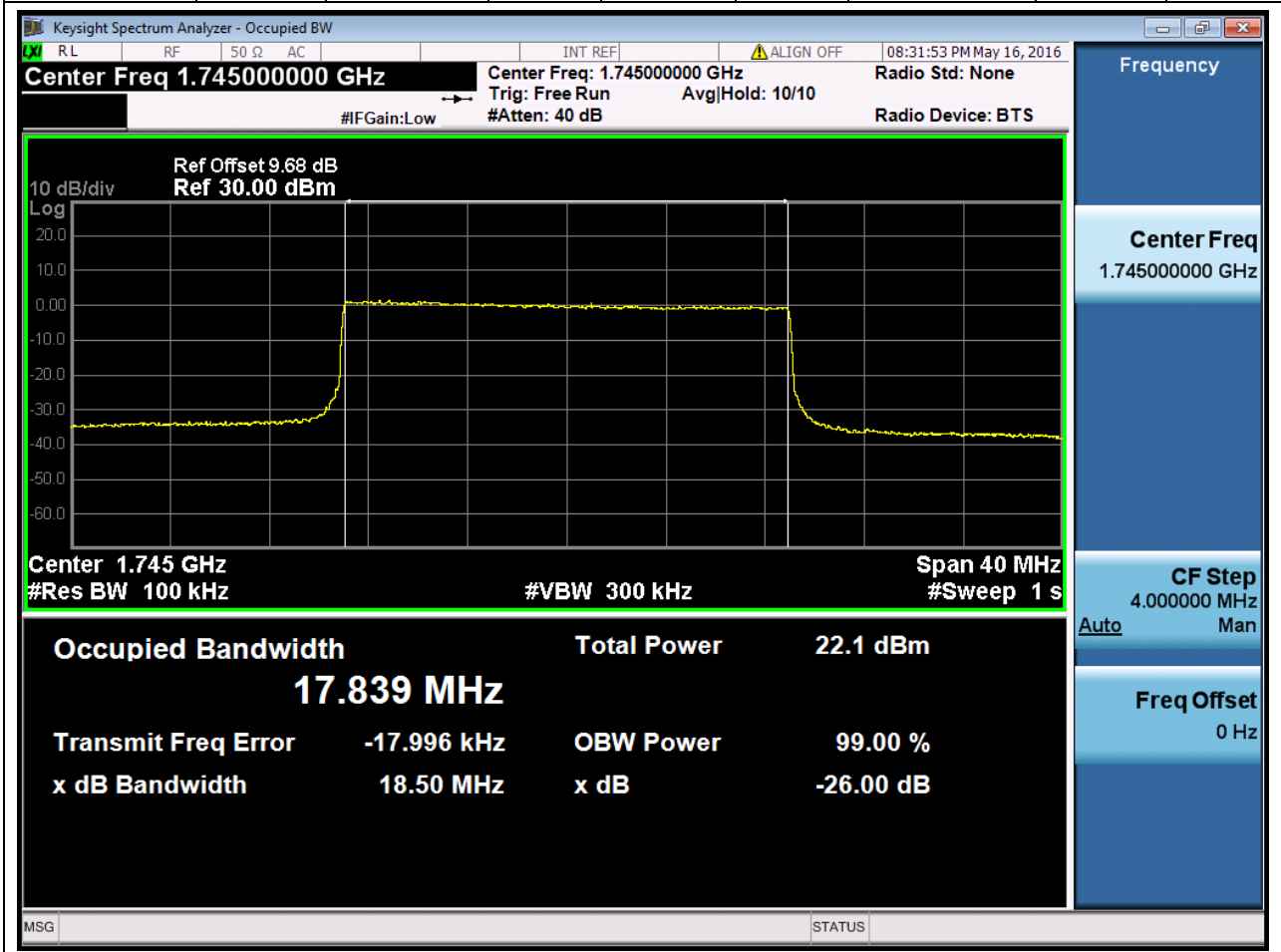| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	17.8	18.44	20	Pass

1.34. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number: 100, RB Position:LOW)

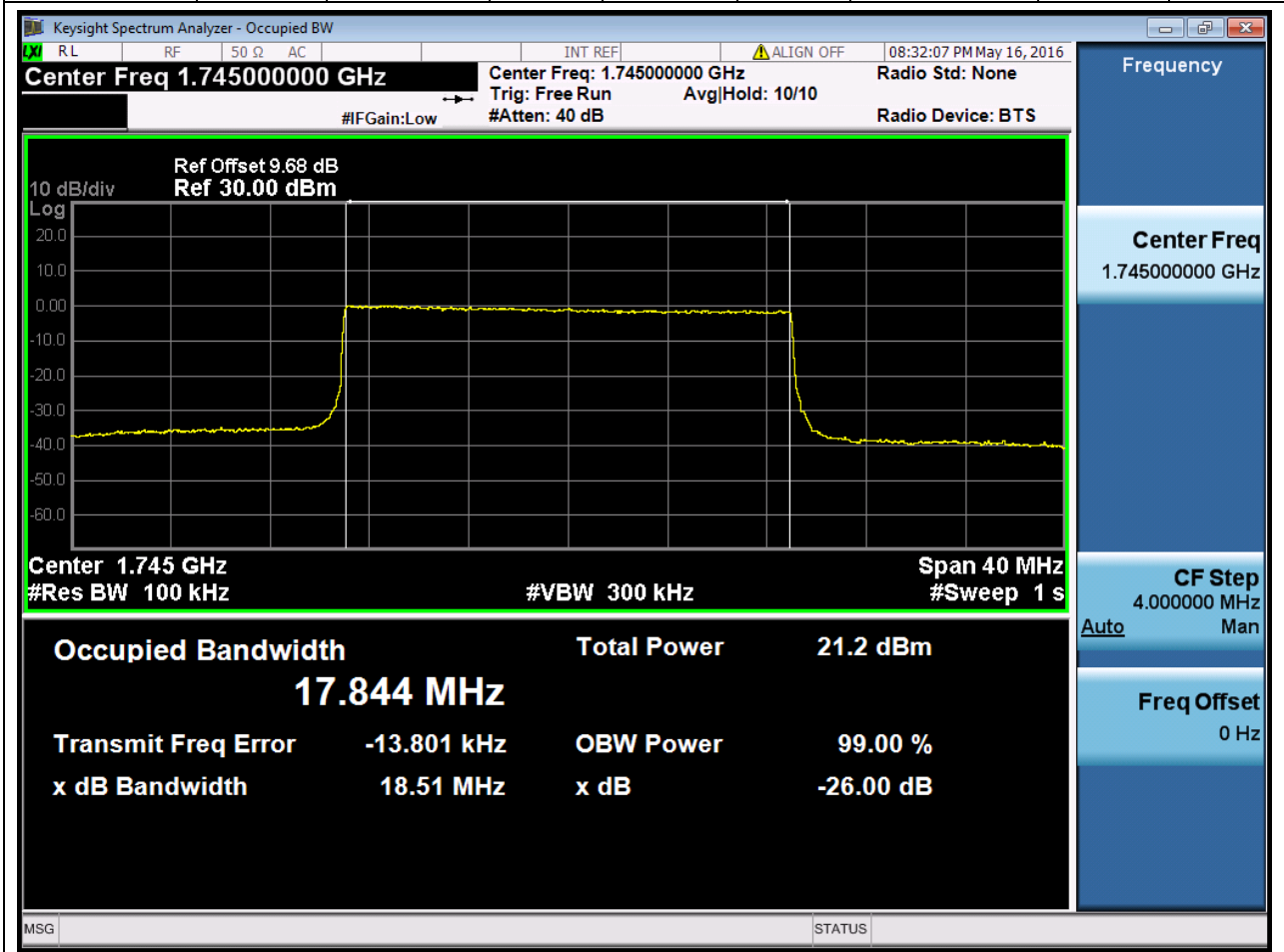| Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	RMS	17.79	18.41	20	Pass

1.35. 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	0.1	RMS	17.84	18.5	20	Pass

1.36. LTE Transmitter Occupied Bandwidth(SA)(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down(dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	RMS	17.84	18.51	20	Pass

END