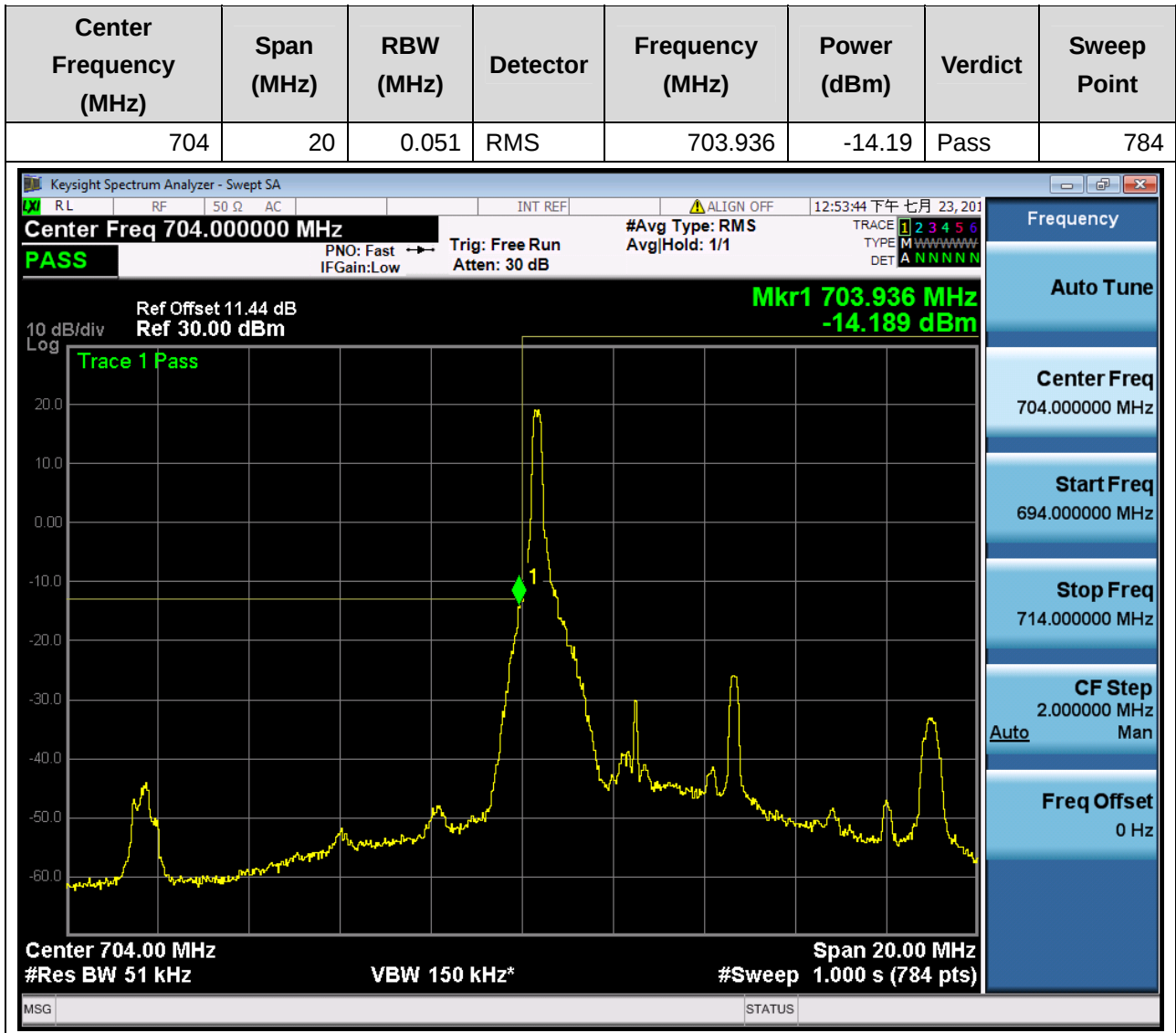


Annex E. LTE Band Edge

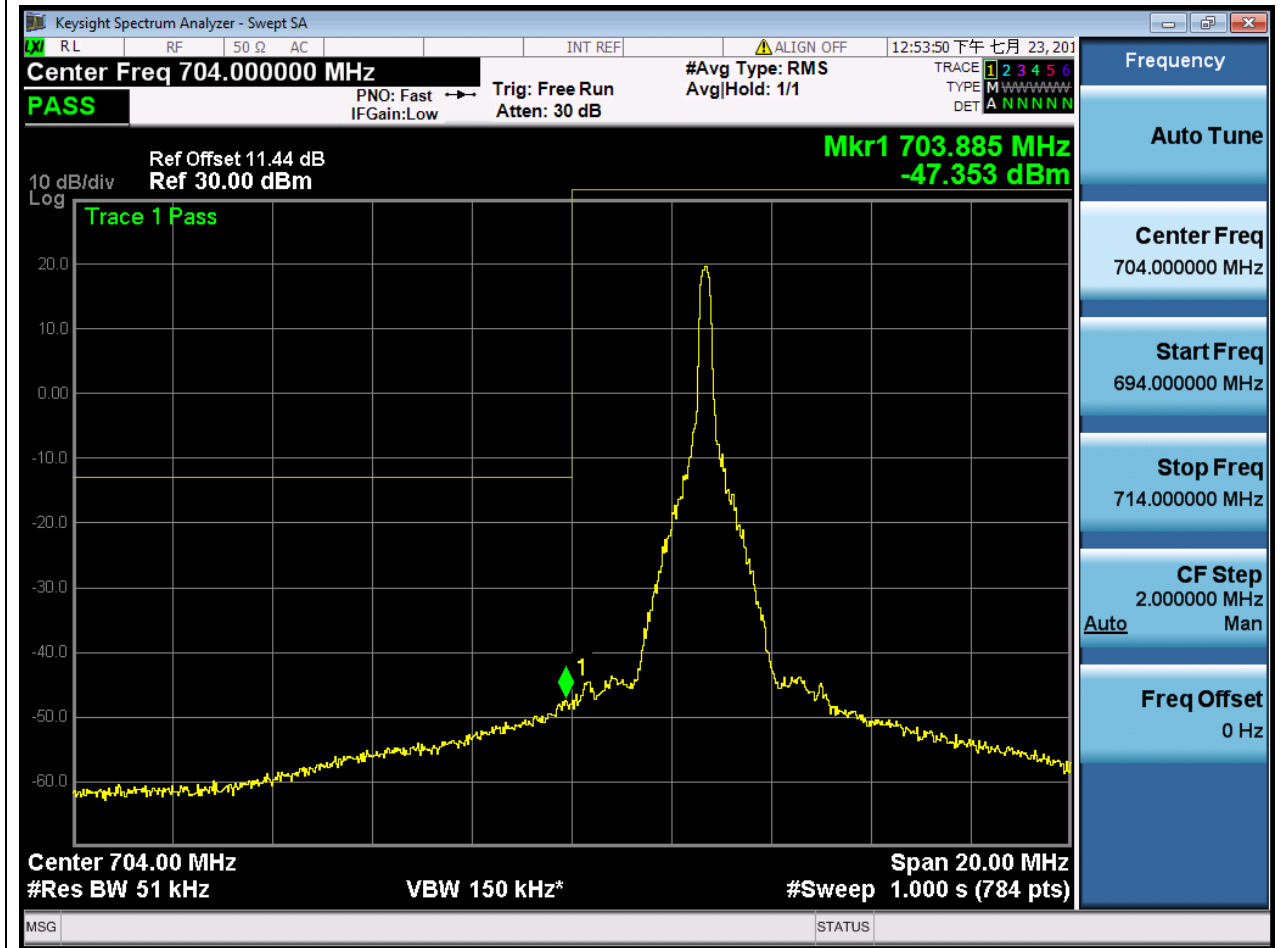
1. LTE_Band17

1.1. LTE Band Edge(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



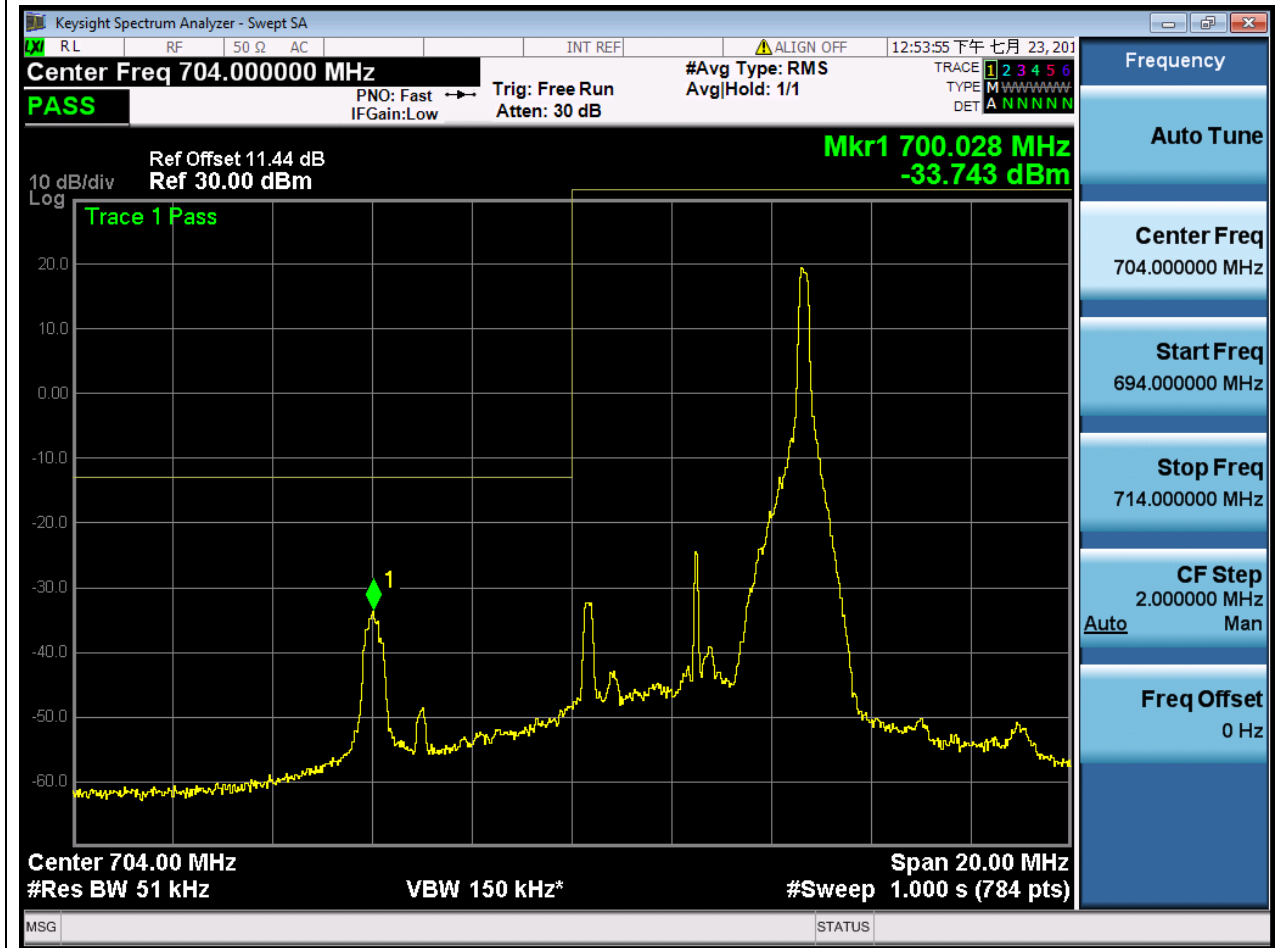
**1.2. LTE Band Edge(NTNV)(Subtest:2, Channel:23755, Bandwidth:5,
Modulation:QPSK, RB Number: 1, RB Position:MID)**

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.885	-47.35	Pass	784



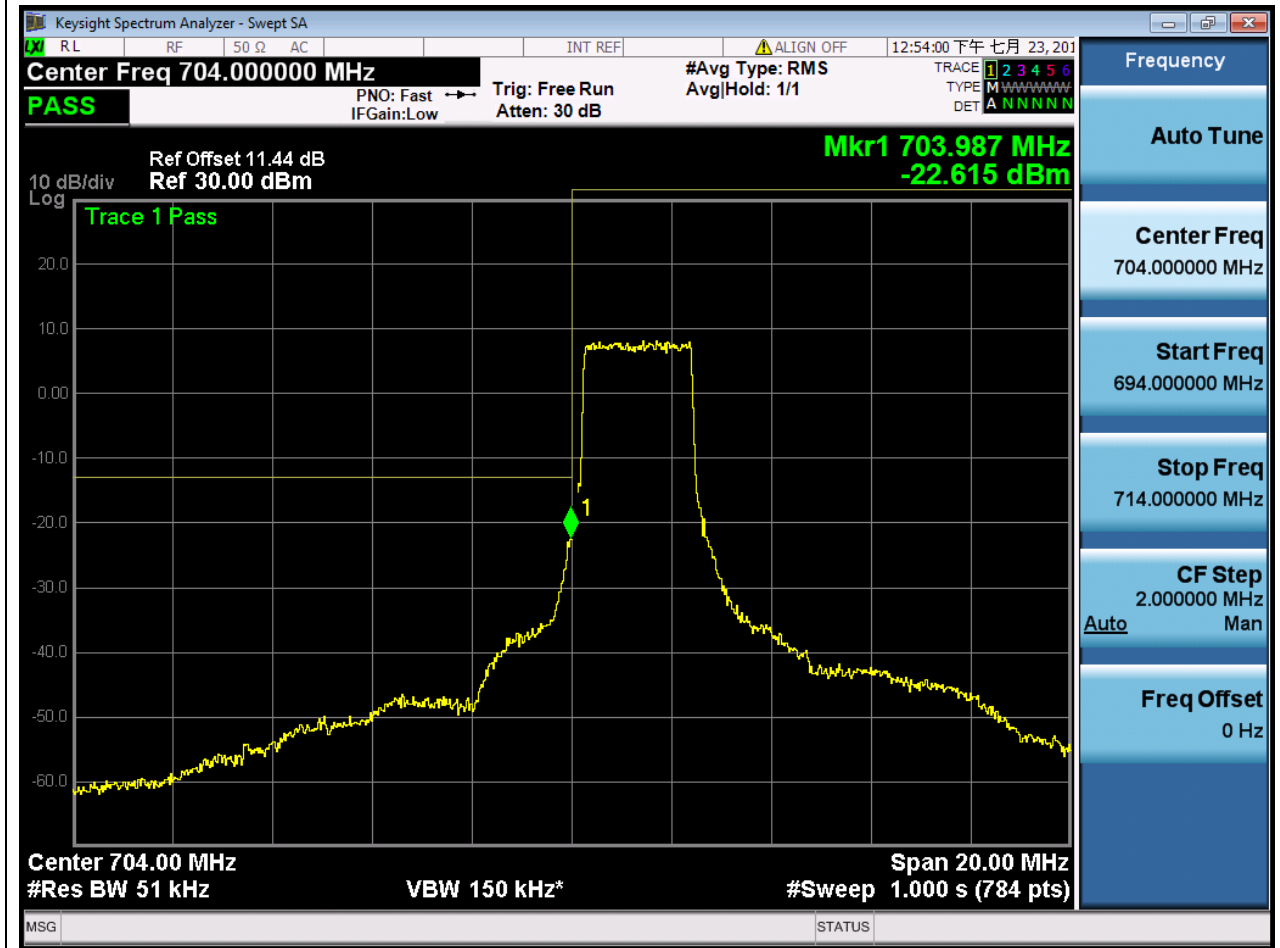
1.3. LTE Band Edge(NTNV)(Subtest:3, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	700.028	-33.74	Pass	784



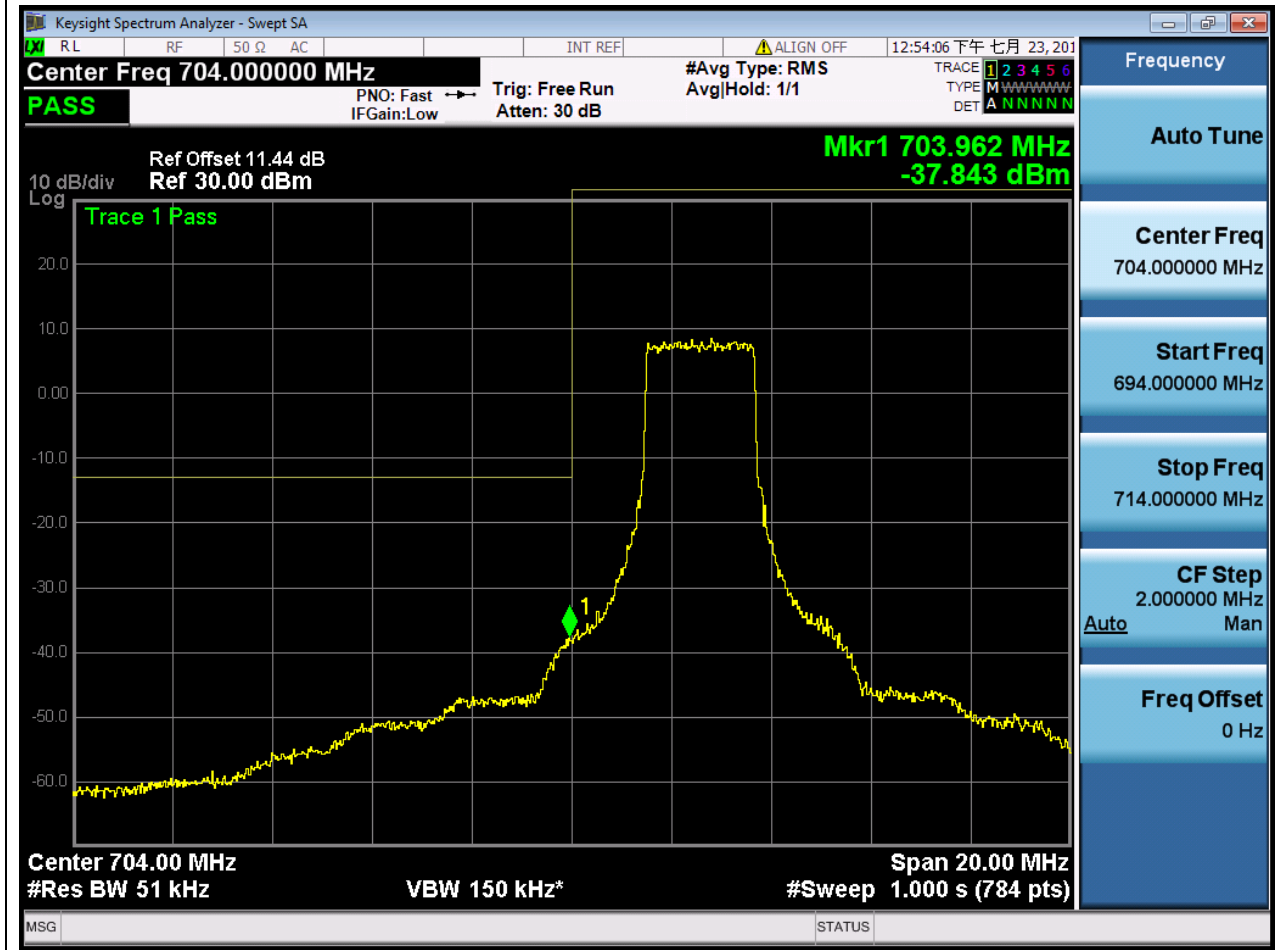
1.4. LTE Band Edge(NTNV)(Subtest:4, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.987	-22.61	Pass	784



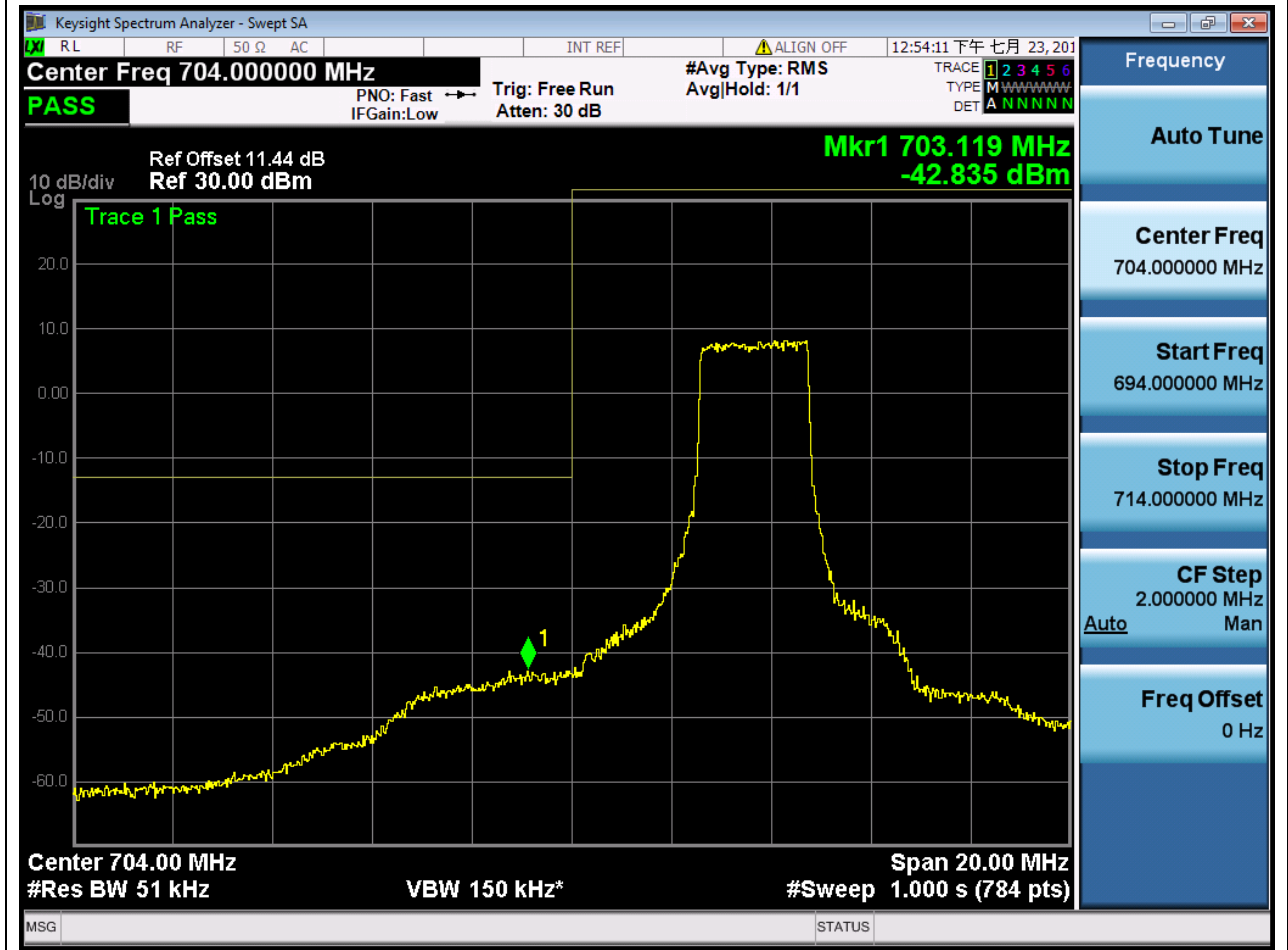
**1.5. LTE Band Edge(NTNV)(Subtest:5, Channel:23755, Bandwidth:5,
Modulation:QPSK, RB Number: 12, RB Position:MID)**

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.962	-37.84	Pass	784



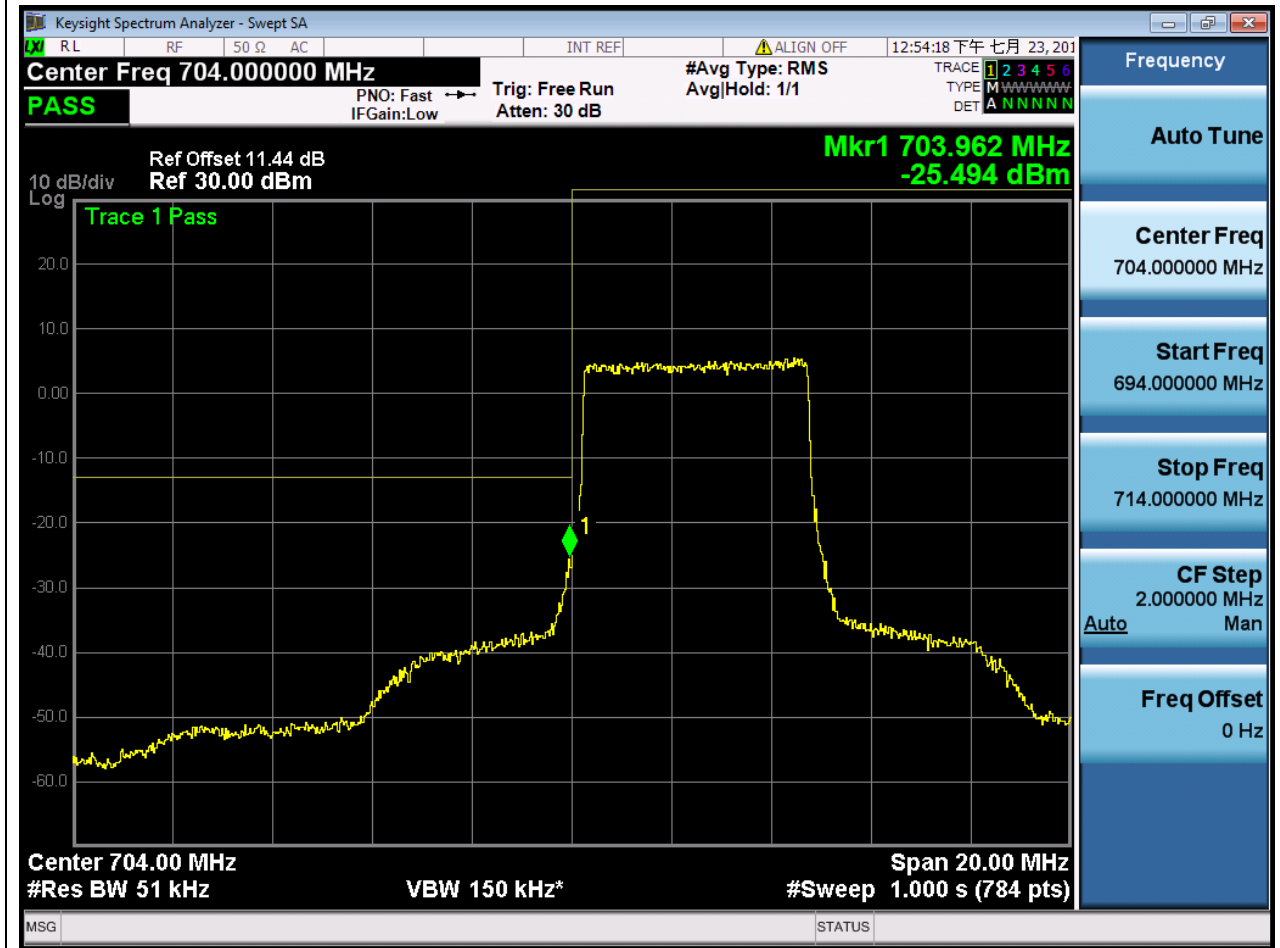
1.6. LTE Band Edge(NTNV)(Subtest:6, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.119	-42.83	Pass	784



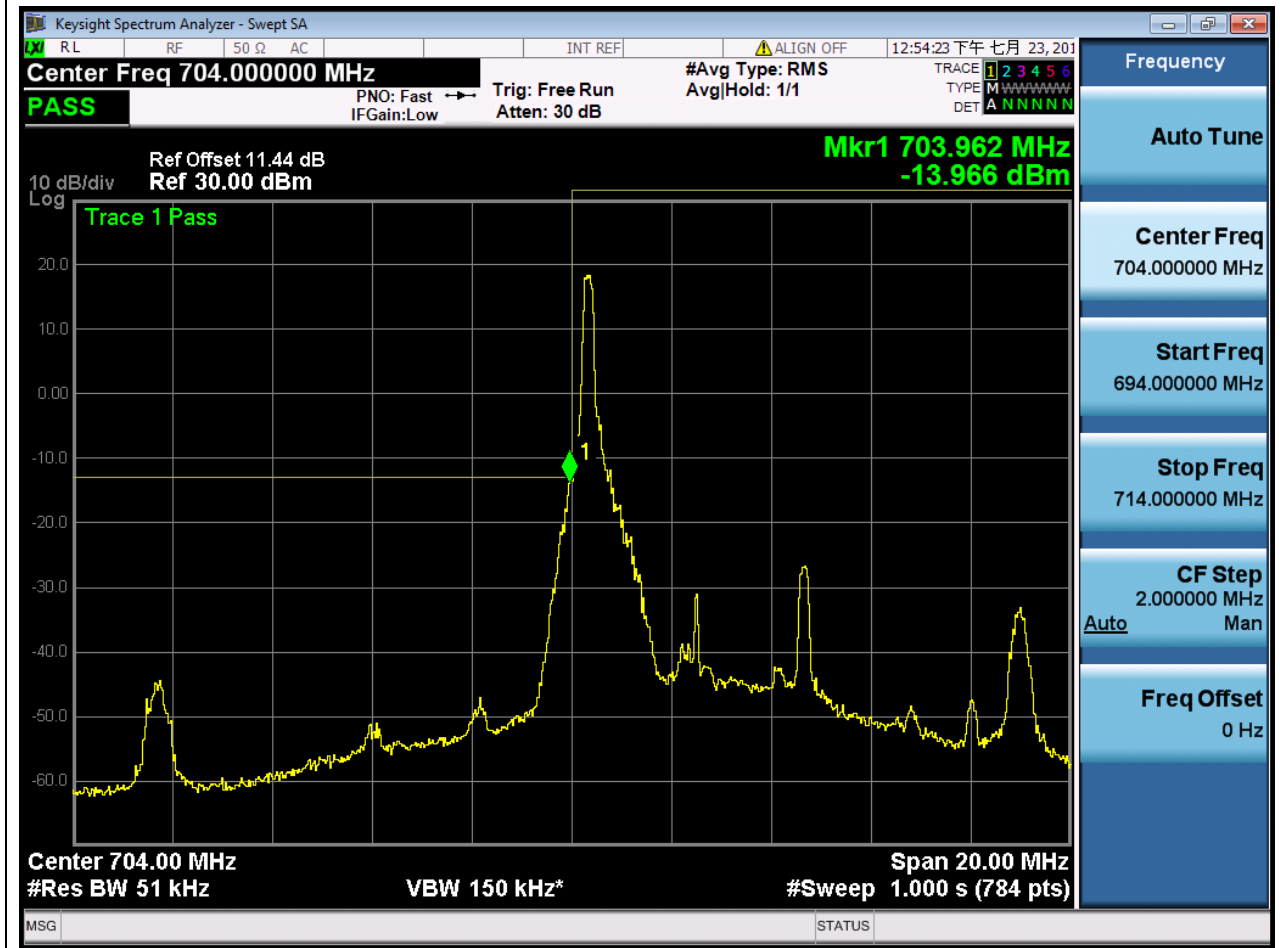
1.7. LTE Band Edge(NTNV)(Subtest:7, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.962	-25.49	Pass	784



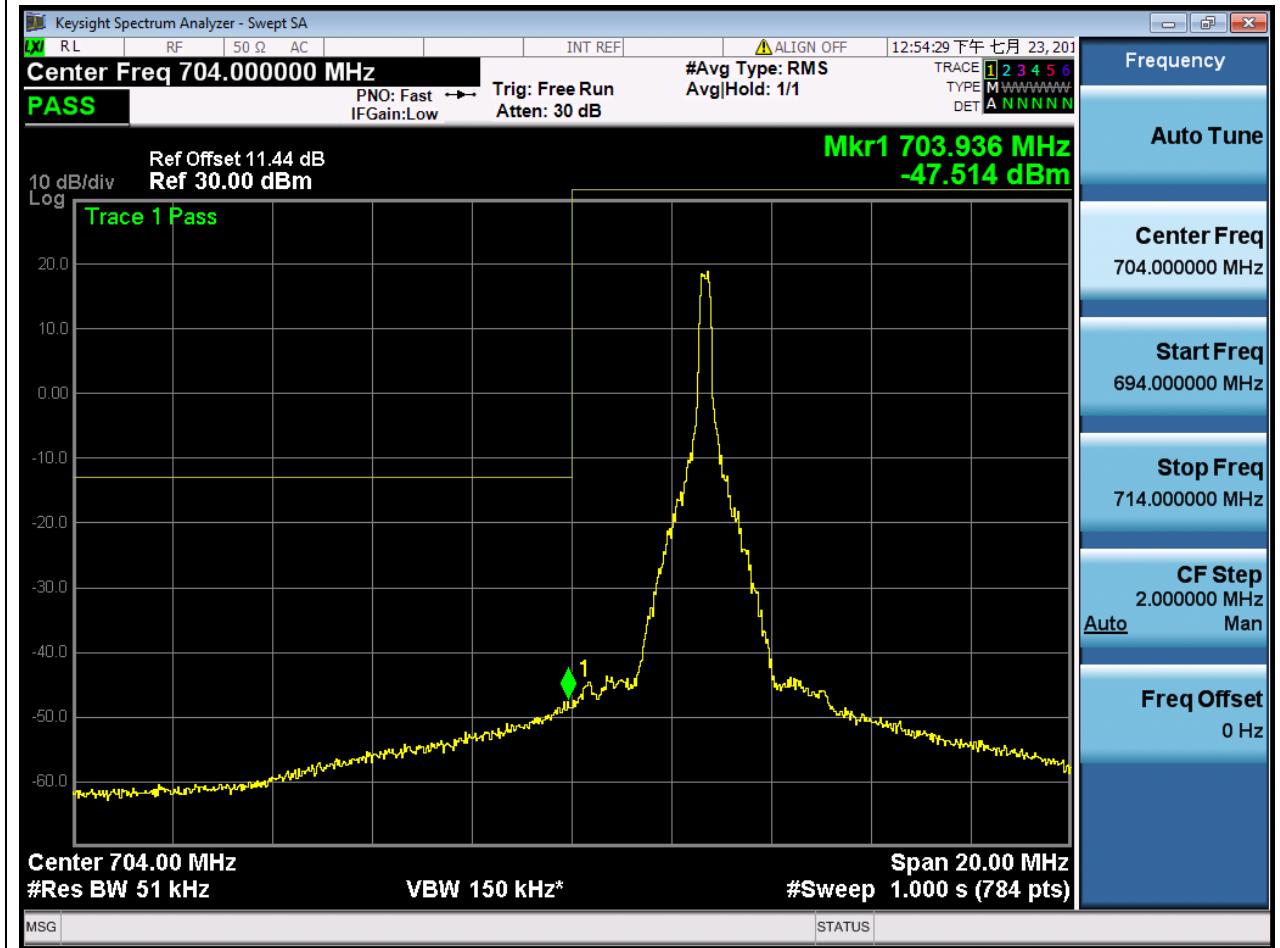
1.8. LTE Band Edge(NTNV)(Subtest:8, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.962	-13.97	Pass	784



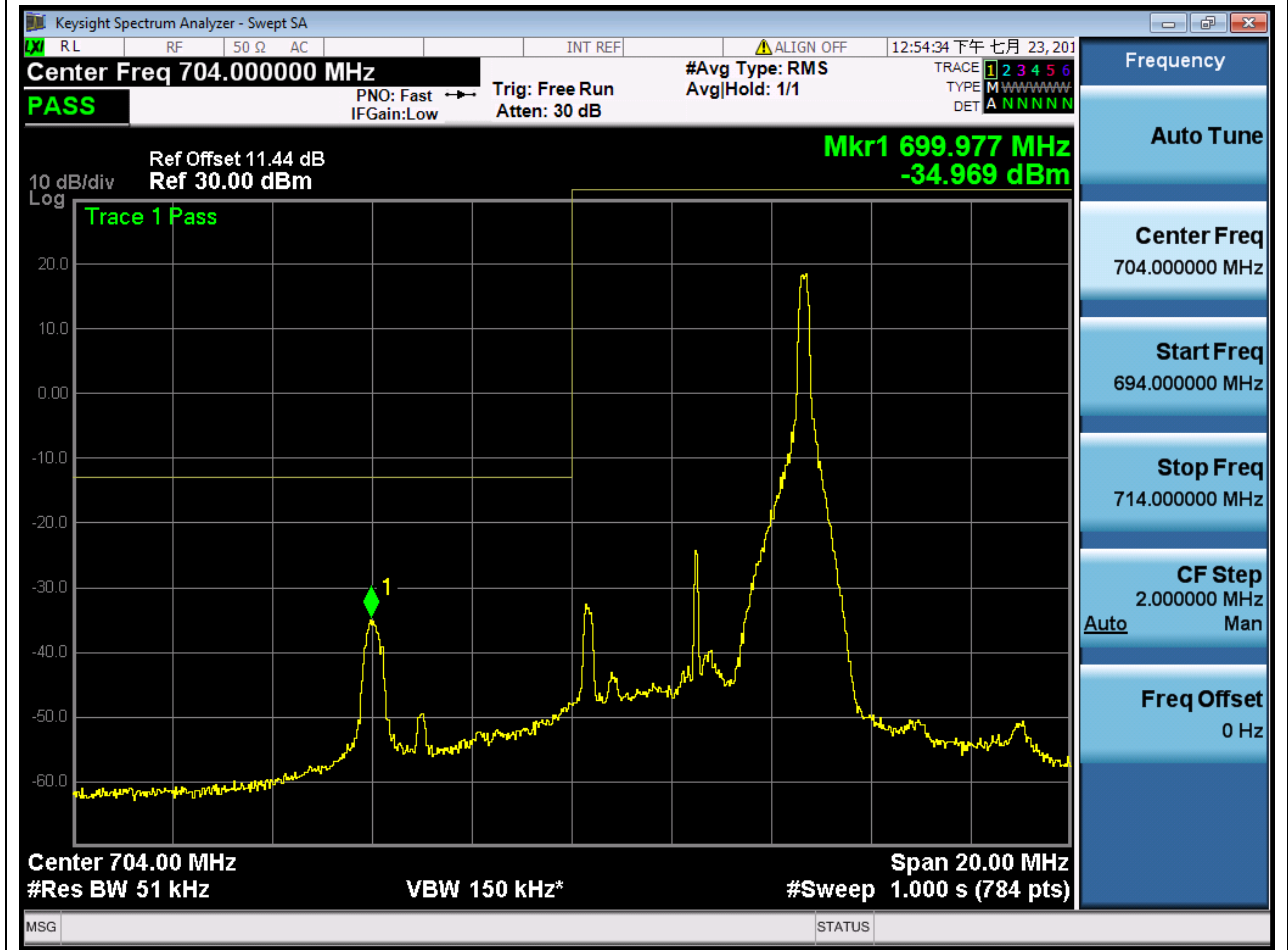
1.9. LTE Band Edge(NTNV)(Subtest:9, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.936	-47.51	Pass	784



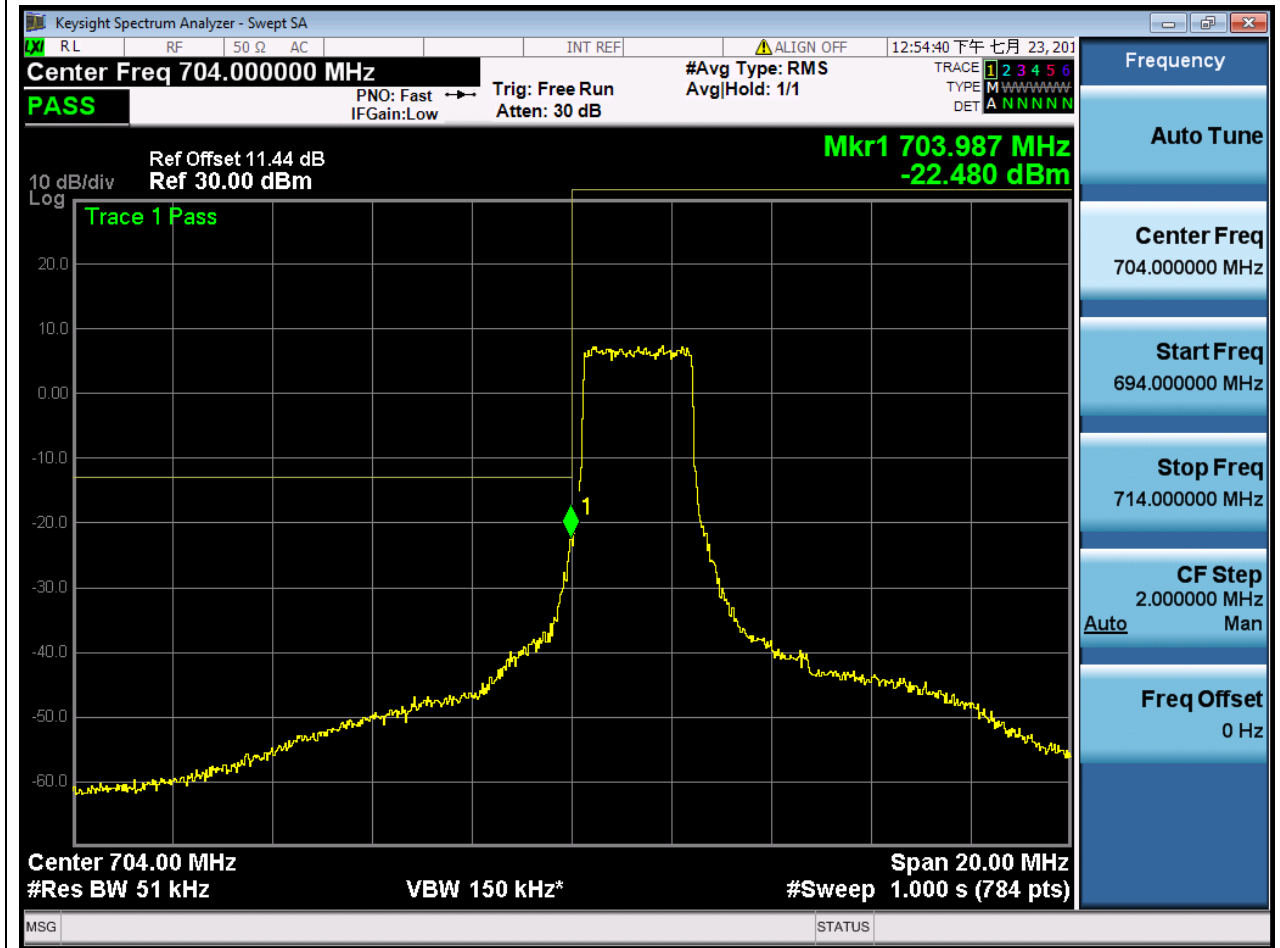
1.10. LTE Band Edge(NTNV)(Subtest:10, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	699.977	-34.97	Pass	784



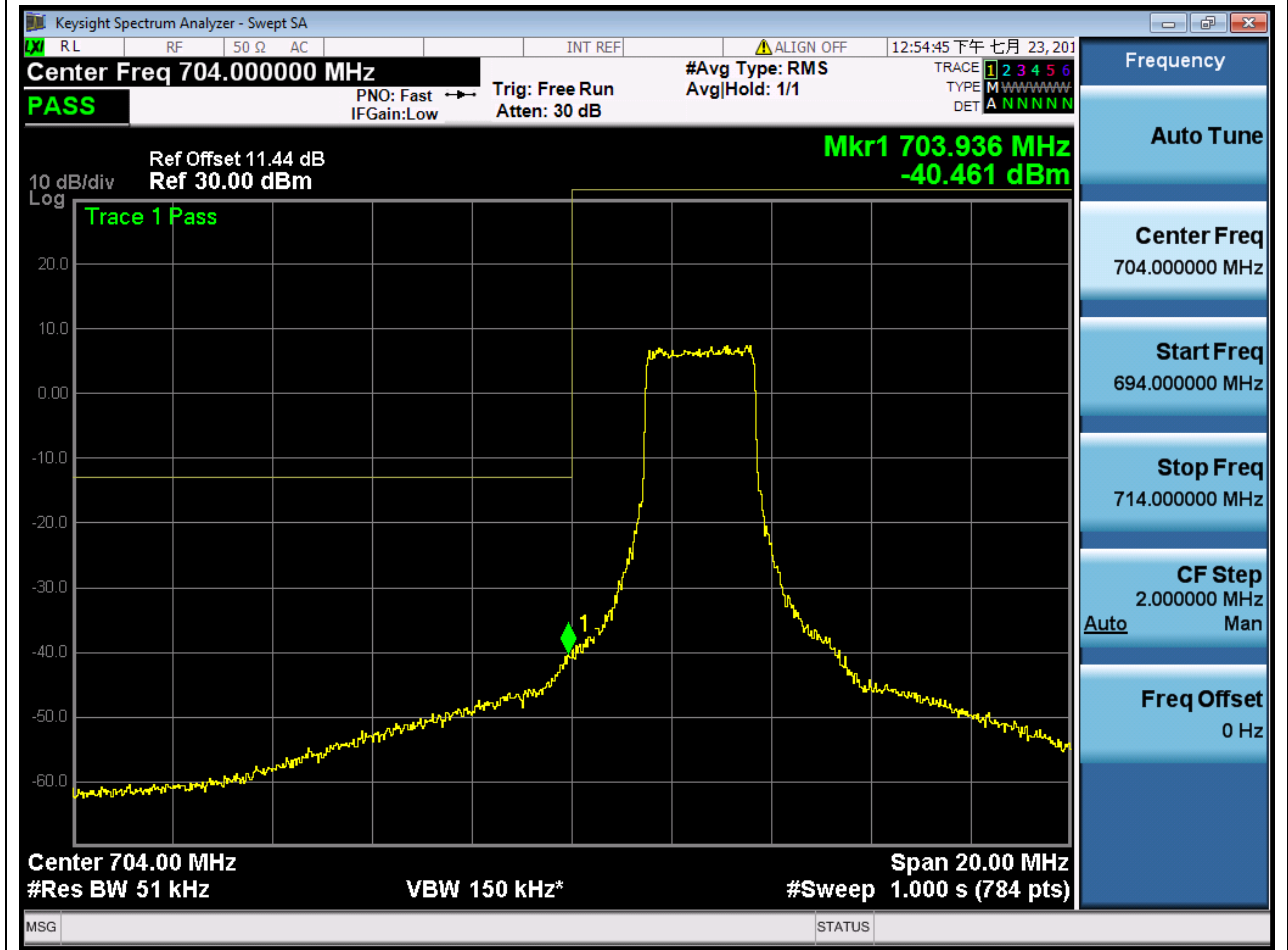
1.11. LTE Band Edge(NTNV)(Subtest:11, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.987	-22.48	Pass	784



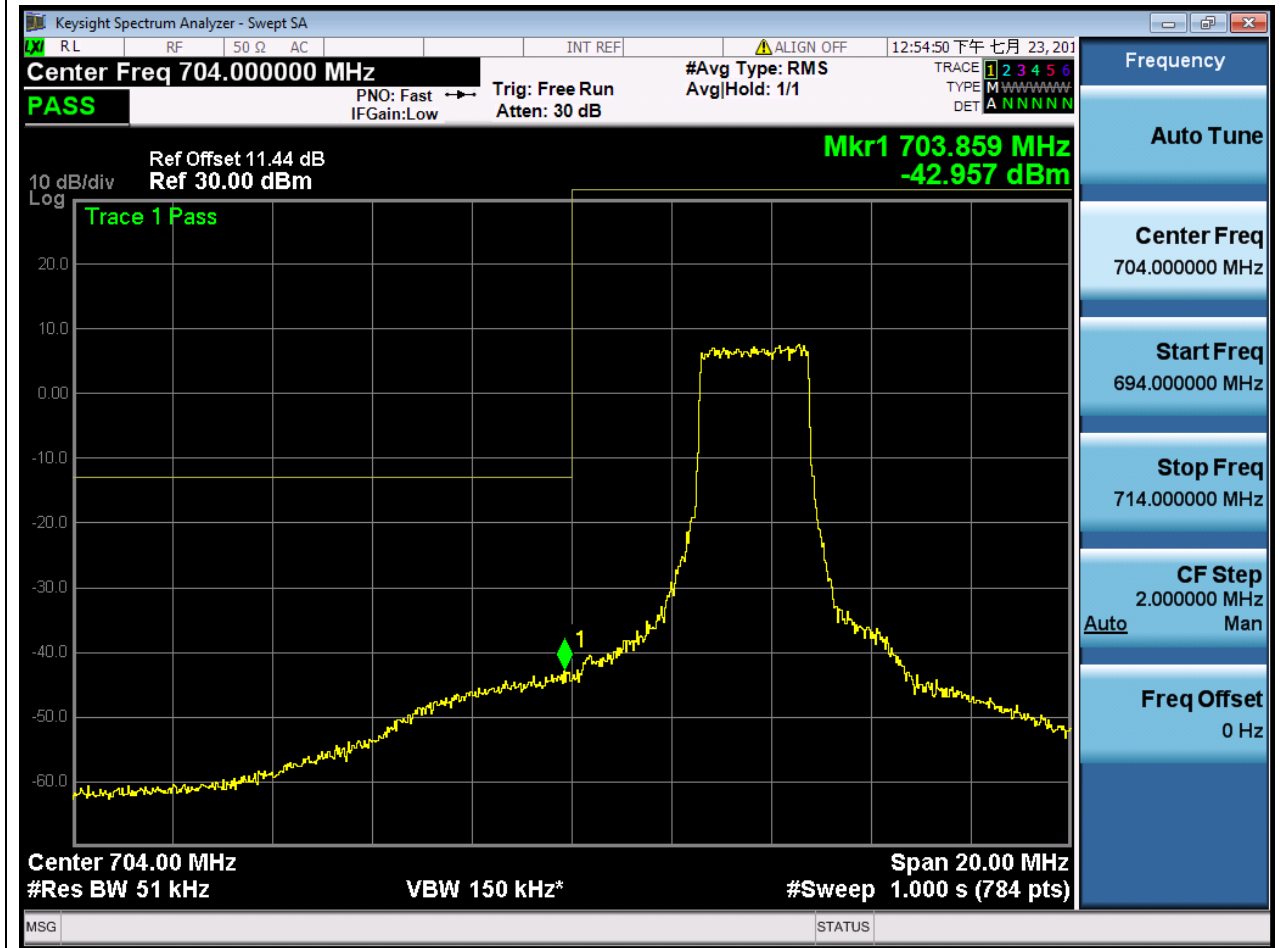
1.12. LTE Band Edge(NTNV)(Subtest:12, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.936	-40.46	Pass	784



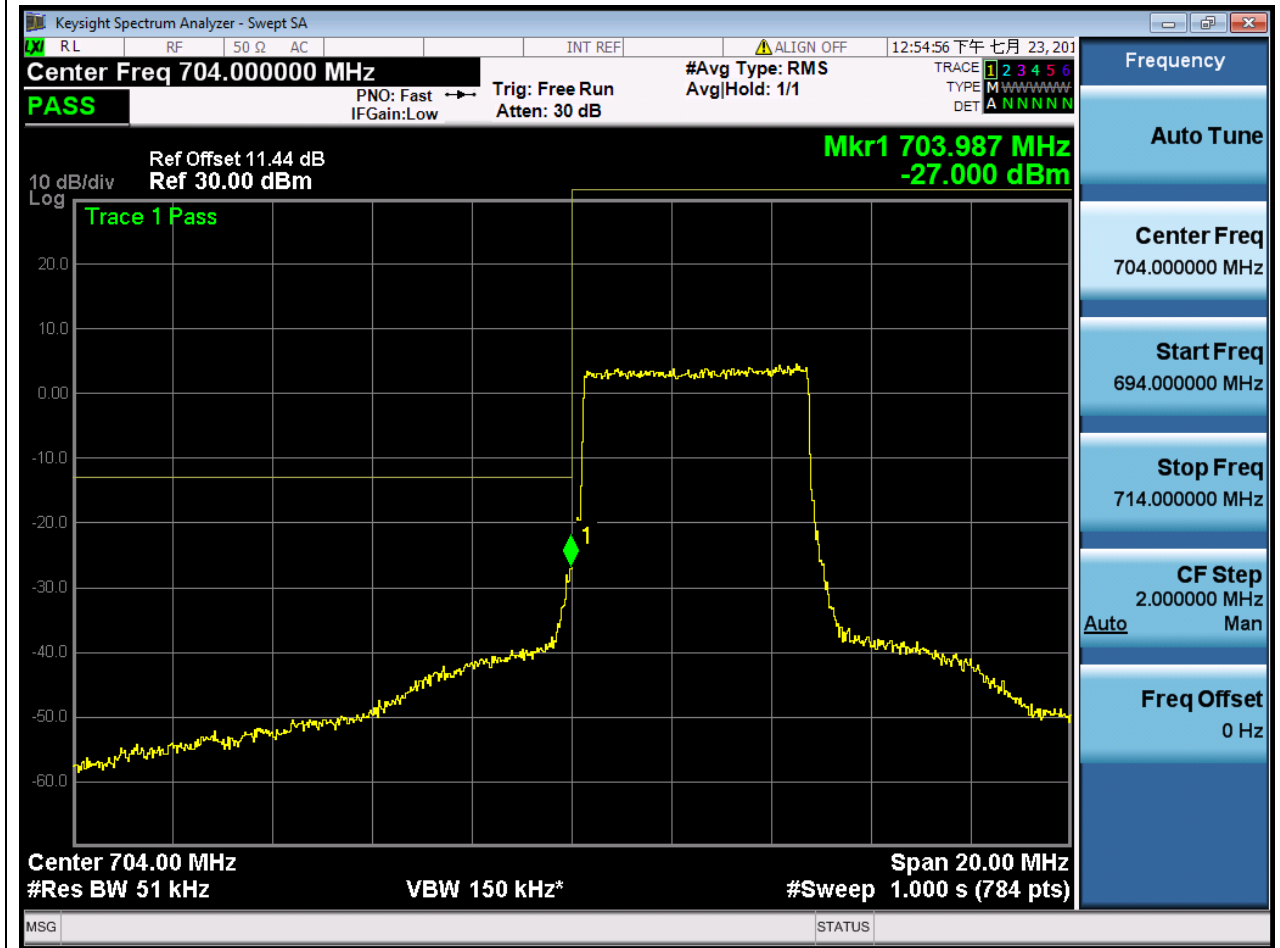
1.13. LTE Band Edge(NTNV)(Subtest:13, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.859	-42.96	Pass	784



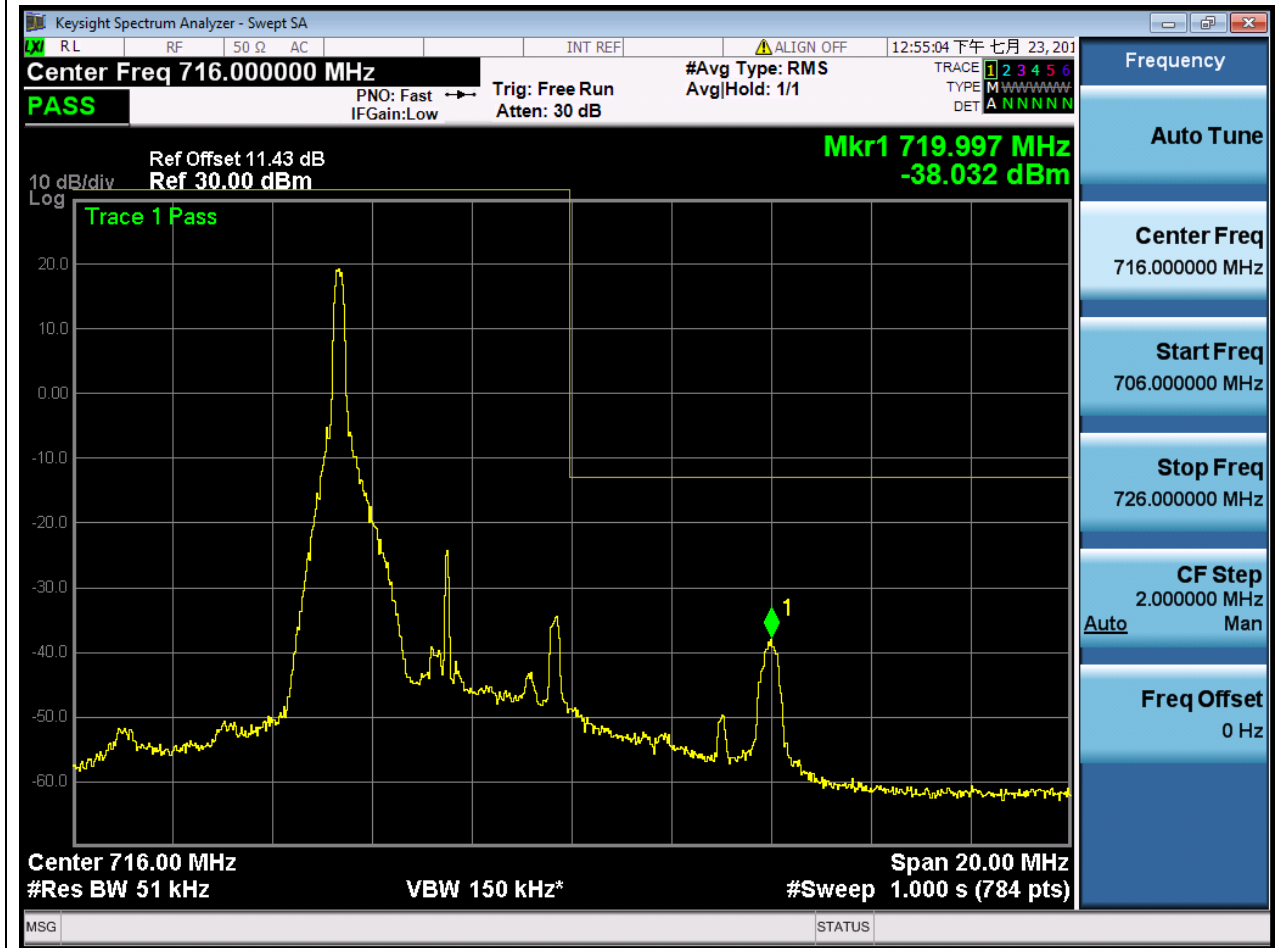
1.14. LTE Band Edge(NTNV)(Subtest:14, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	20	0.051	RMS	703.987	-27	Pass	784



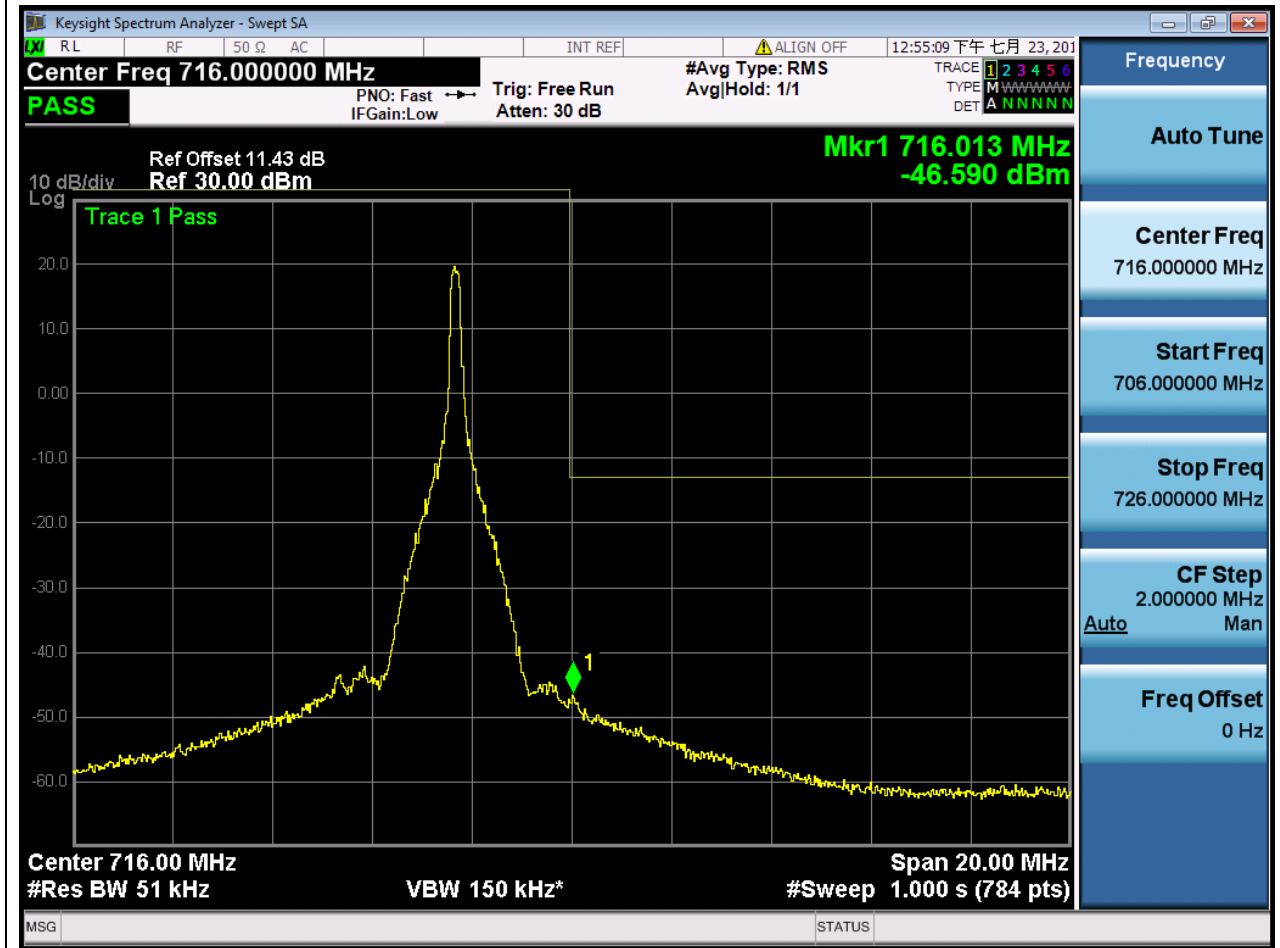
1.15. LTE Band Edge(NTNV)(Subtest:15, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	719.997	-38.03	Pass	784



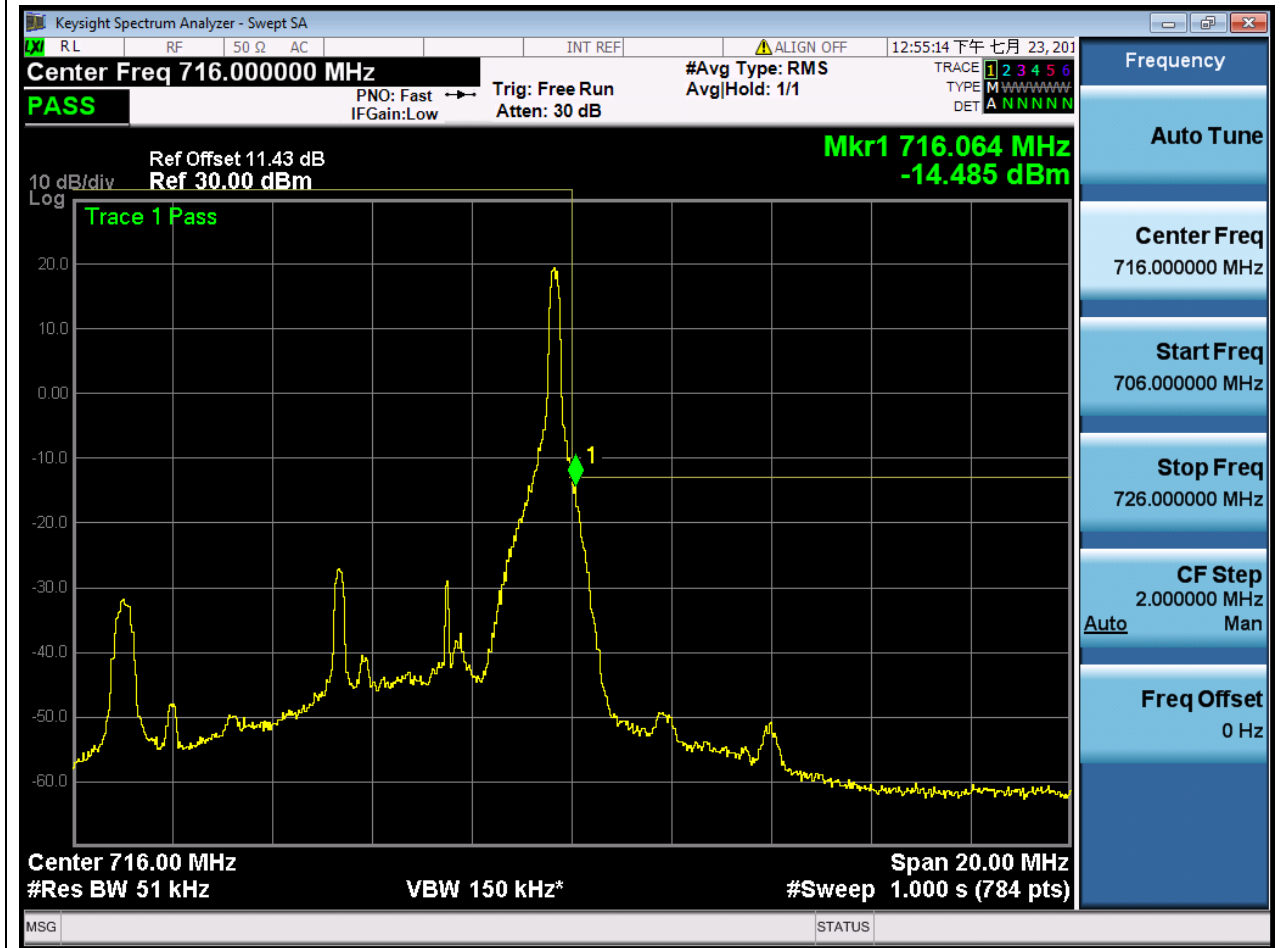
1.16. LTE Band Edge(NTNV)(Subtest:16, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-46.59	Pass	784



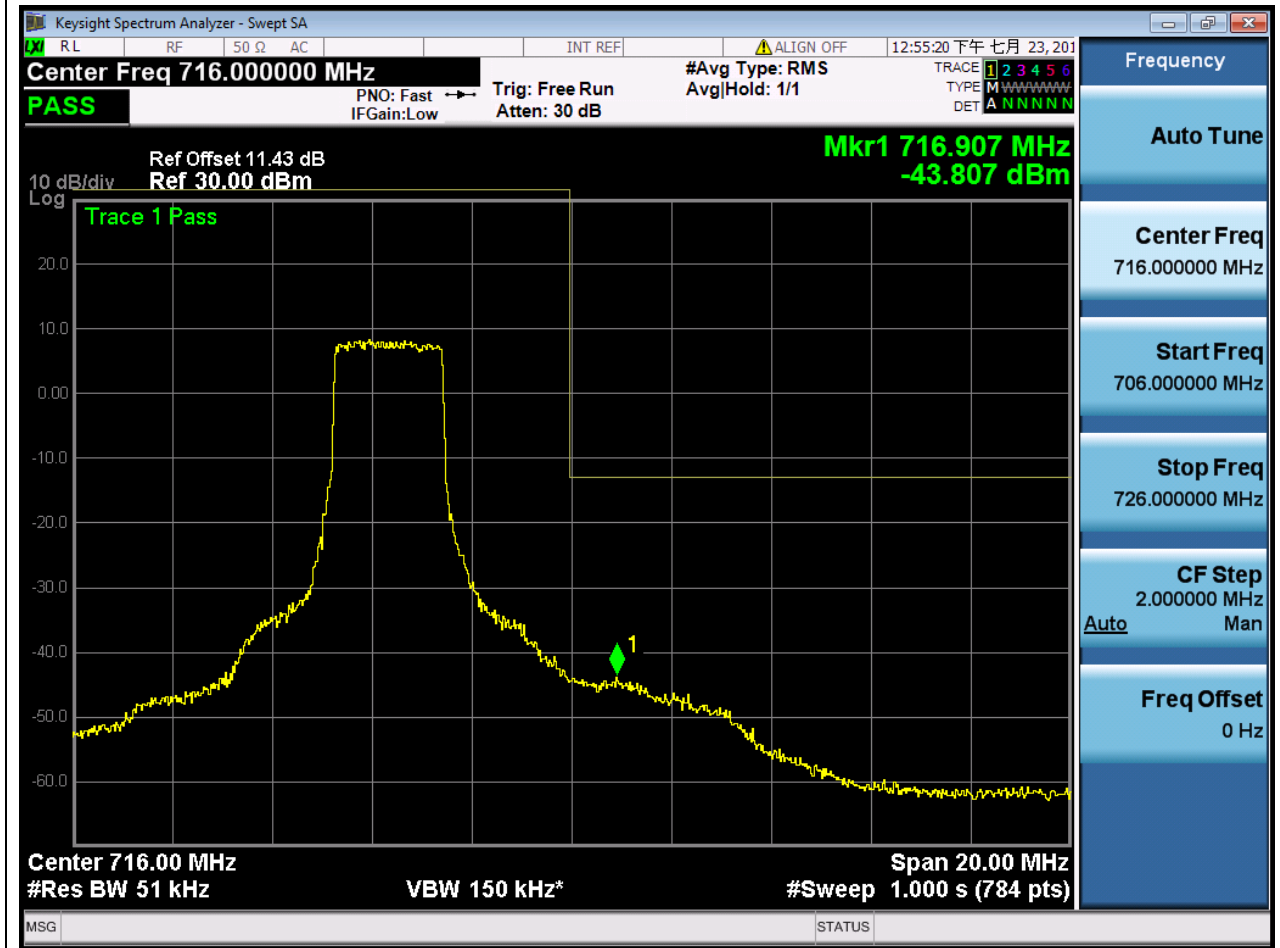
1.17. LTE Band Edge(NTNV)(Subtest:17, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.064	-14.48	Pass	784



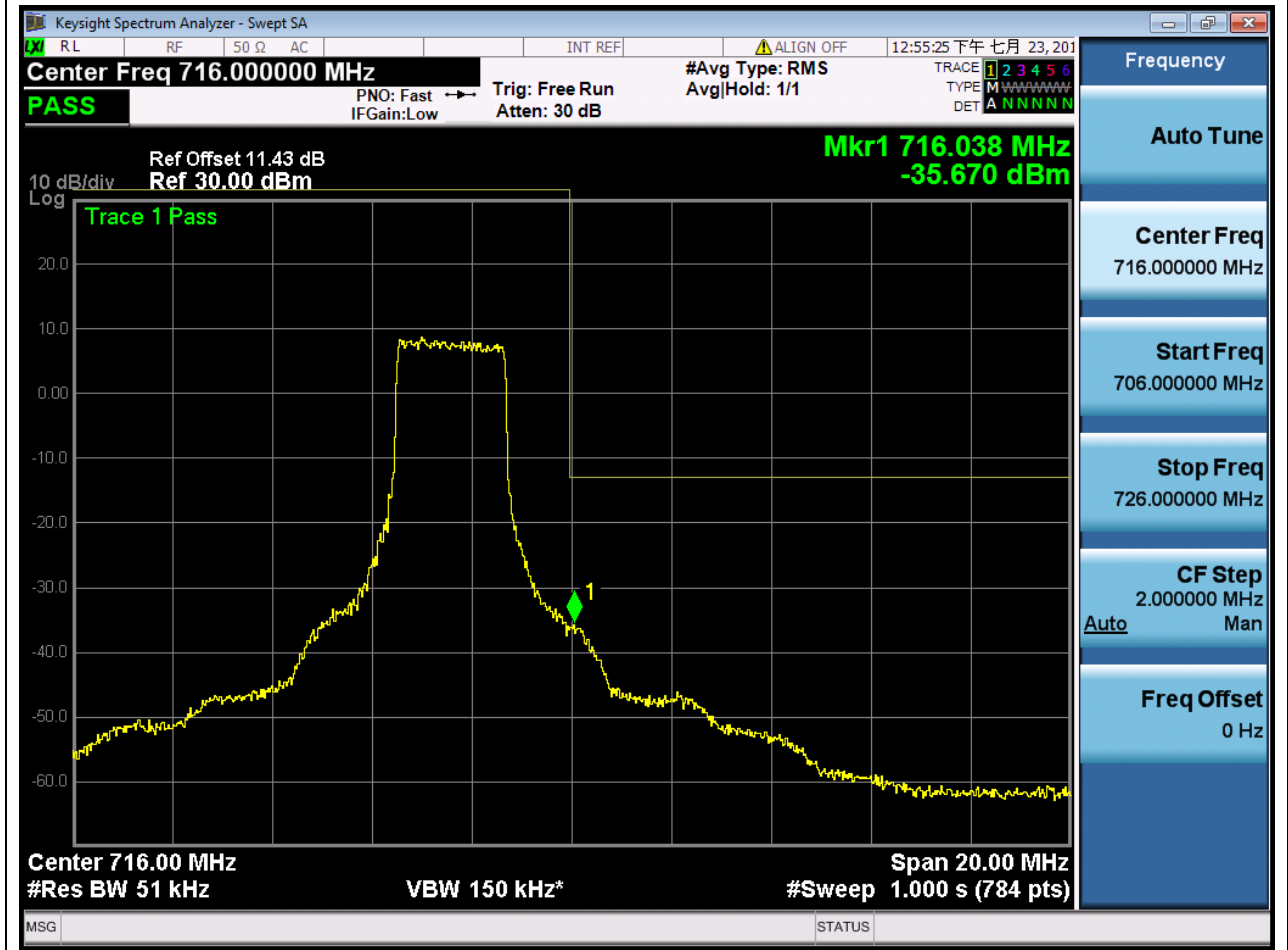
1.18. LTE Band Edge(NTNV)(Subtest:18, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.907	-43.81	Pass	784



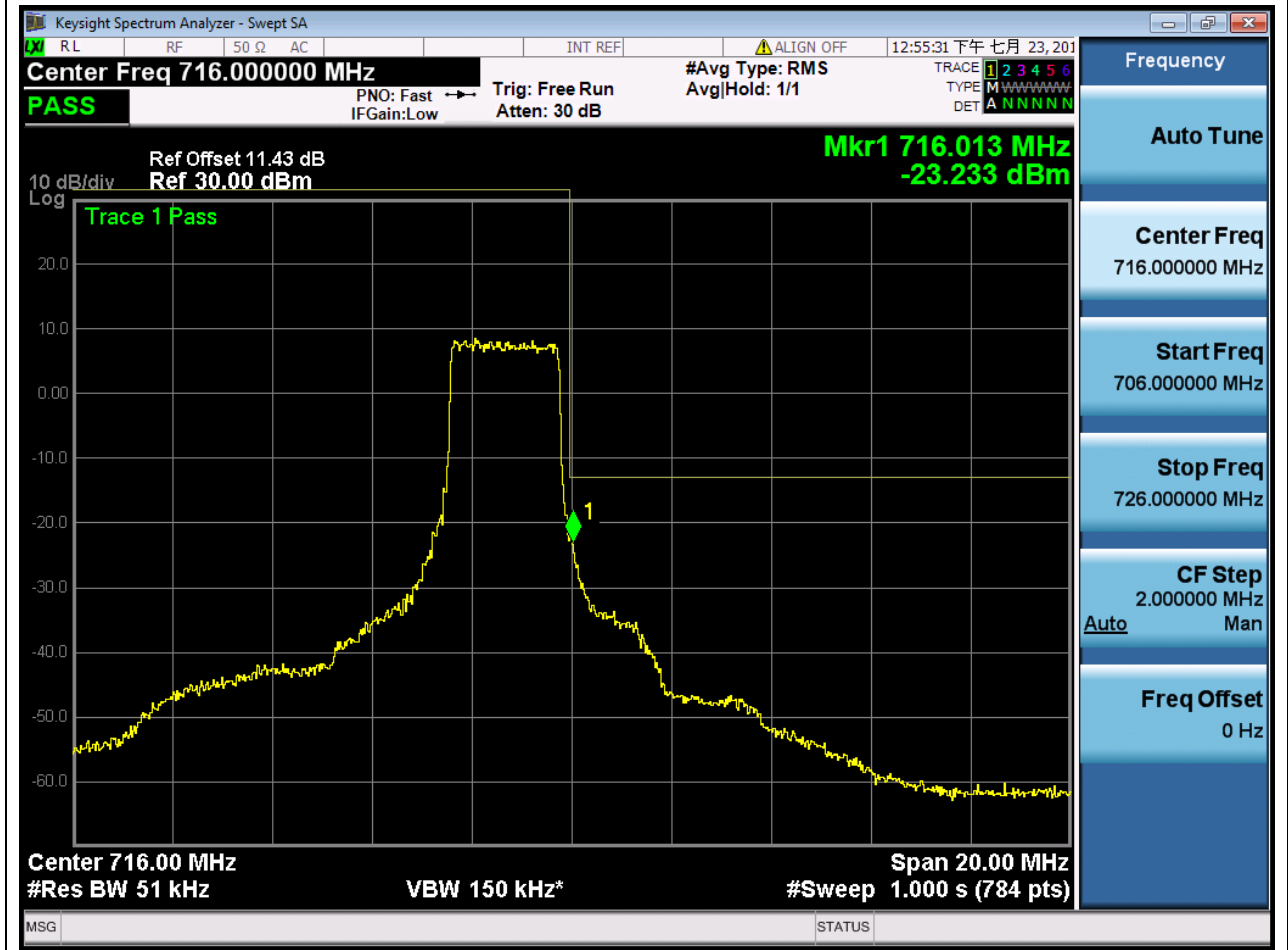
1.19. LTE Band Edge(NTNV)(Subtest:19, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.038	-35.67	Pass	784



1.20. LTE Band Edge(NTNV)(Subtest:20, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-23.23	Pass	784



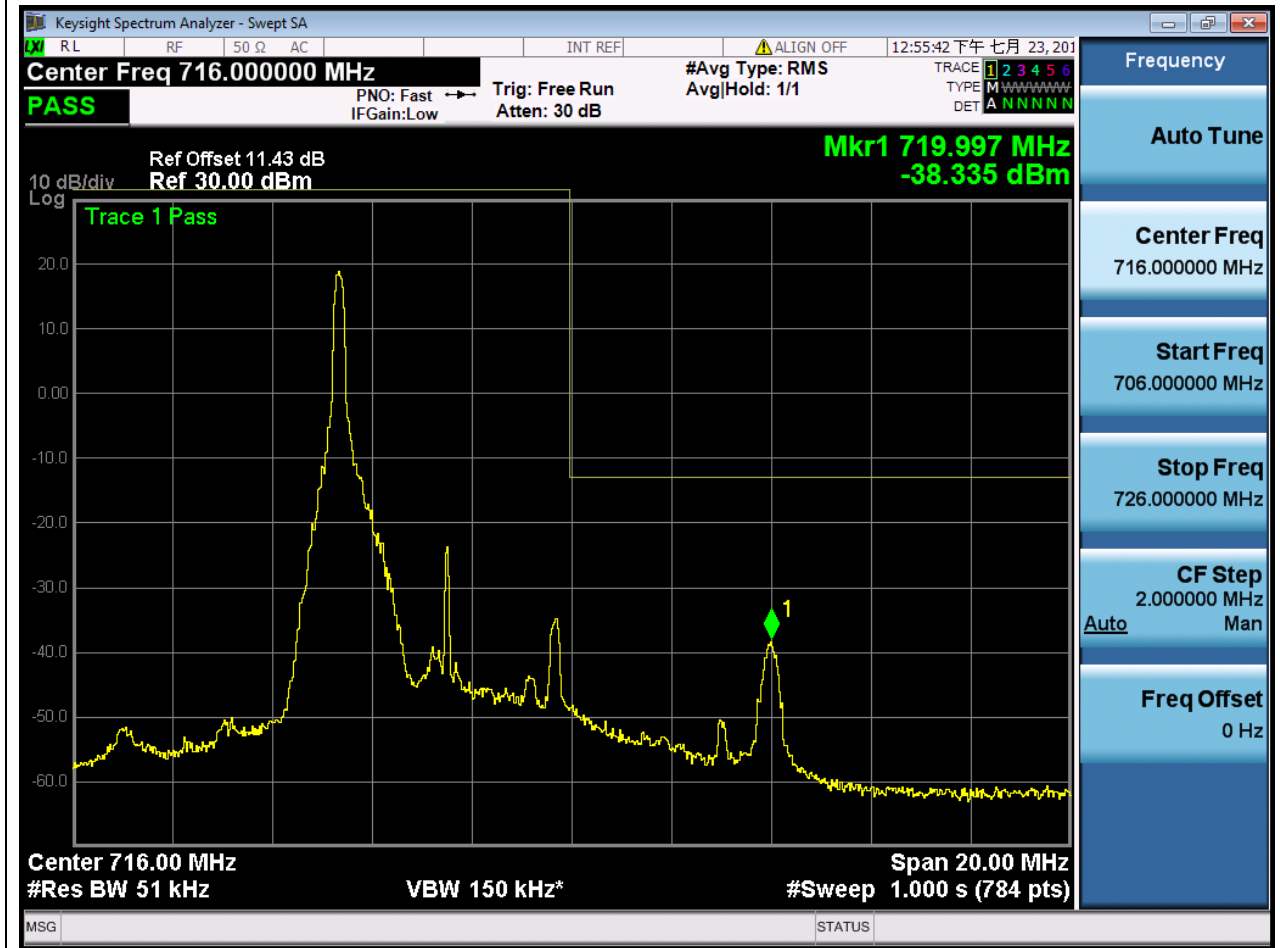
1.21. LTE Band Edge(NTNV)(Subtest:21, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-26.52	Pass	784



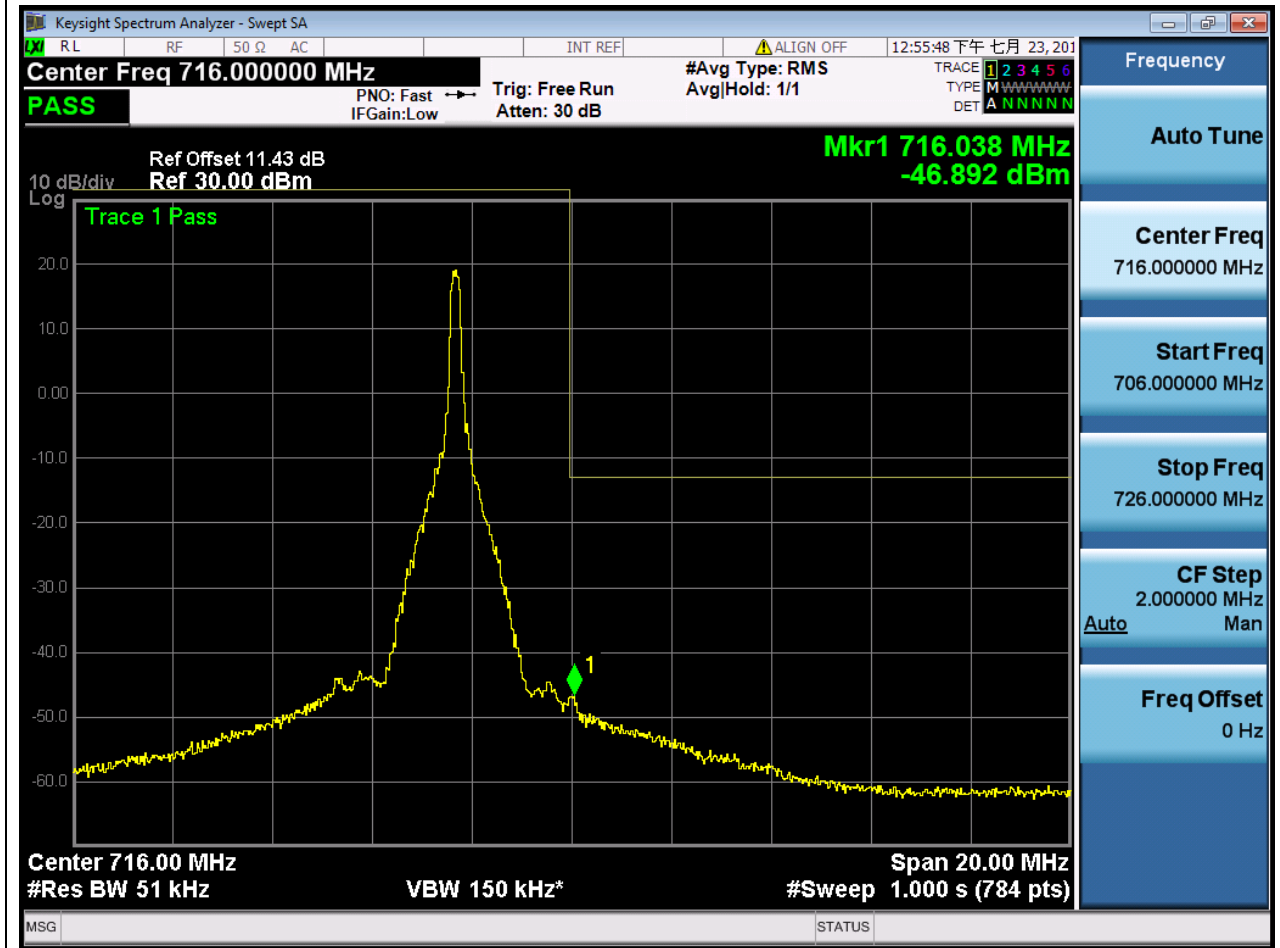
1.22. LTE Band Edge(NTNV)(Subtest:22, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	719.997	-38.33	Pass	784



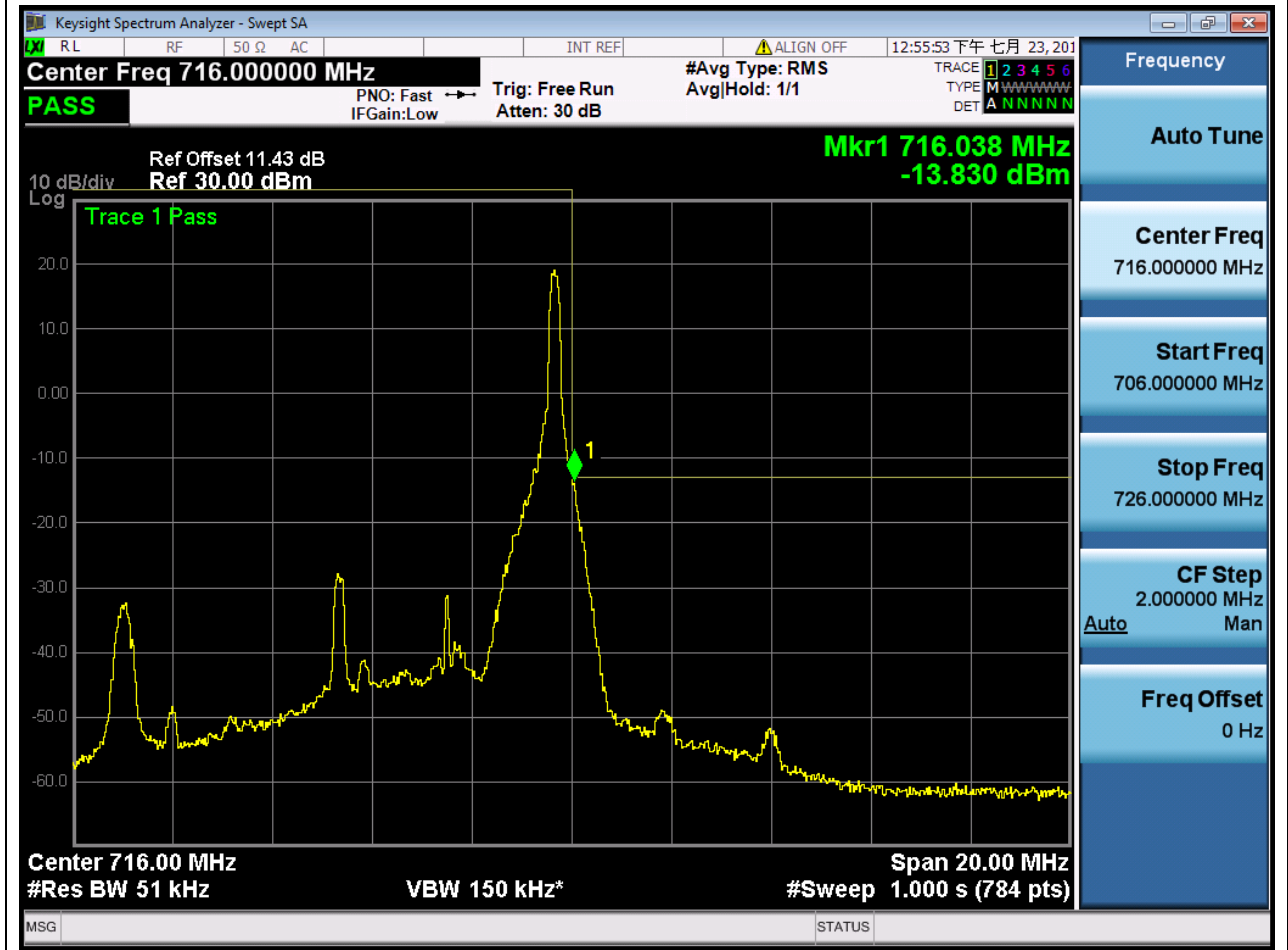
1.23. LTE Band Edge(NTNV)(Subtest:23, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.038	-46.89	Pass	784



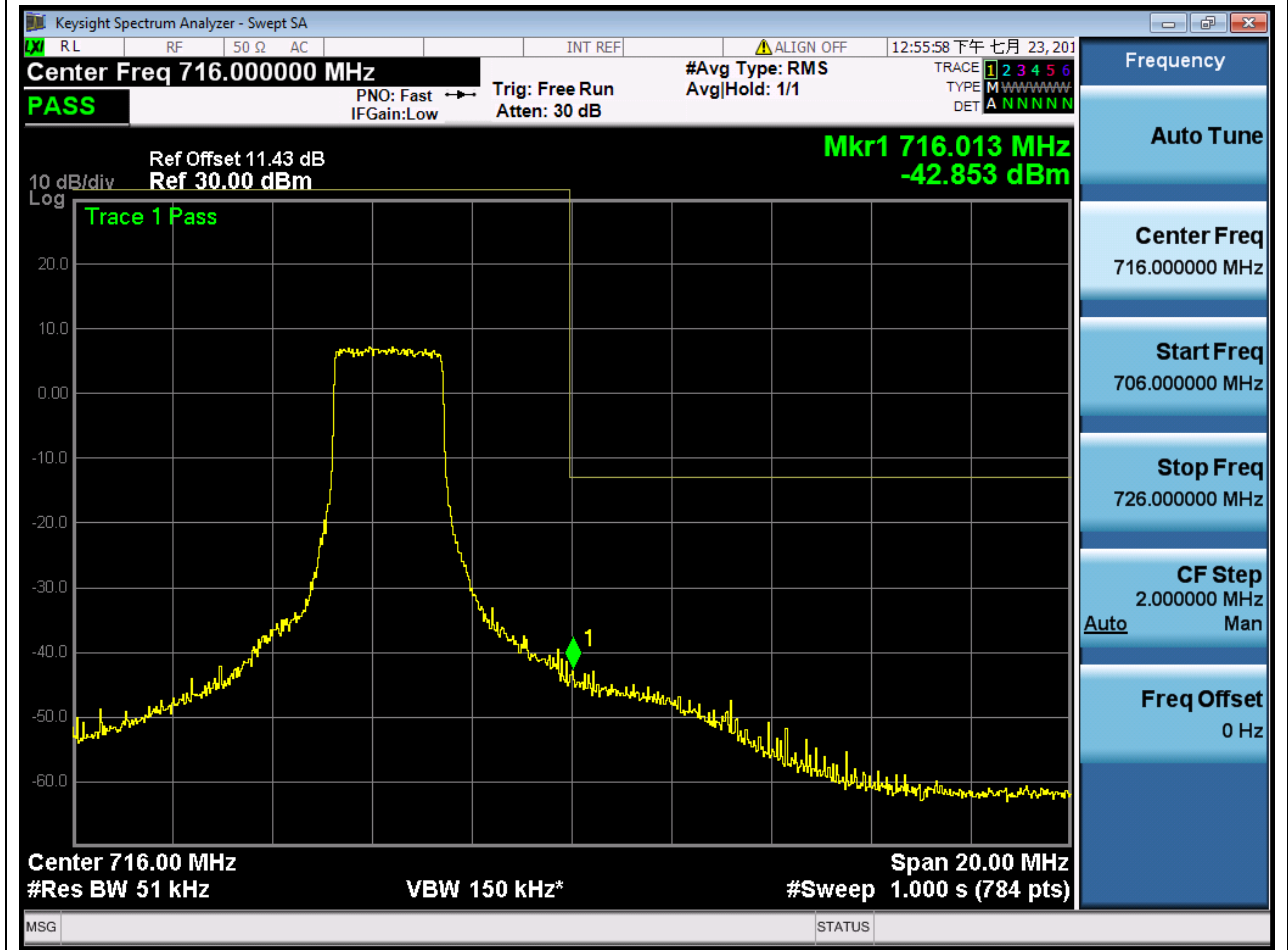
1.24. LTE Band Edge(NTNV)(Subtest:24, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.038	-13.83	Pass	784



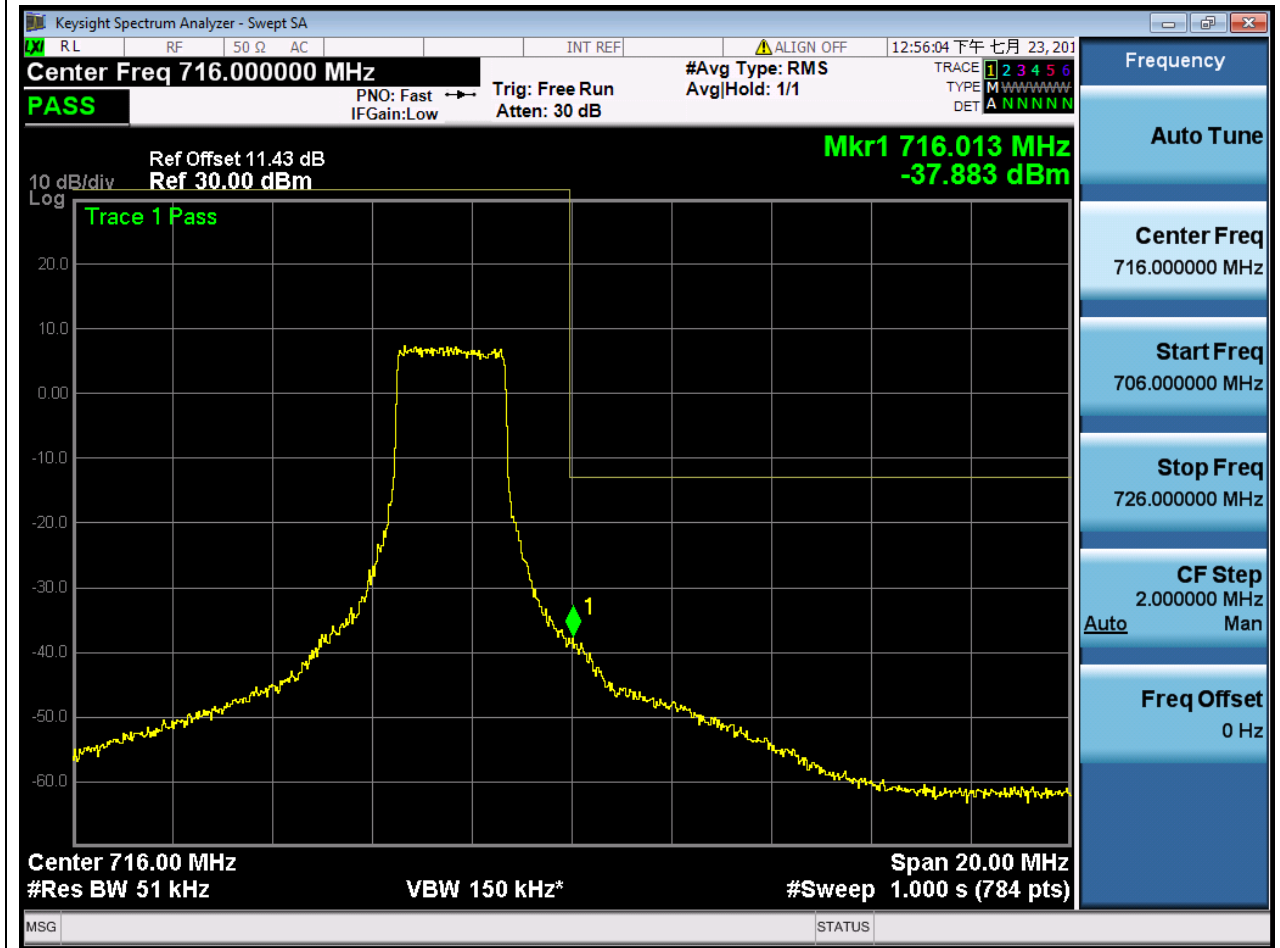
1.25. LTE Band Edge(NTNV)(Subtest:25, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-42.85	Pass	784



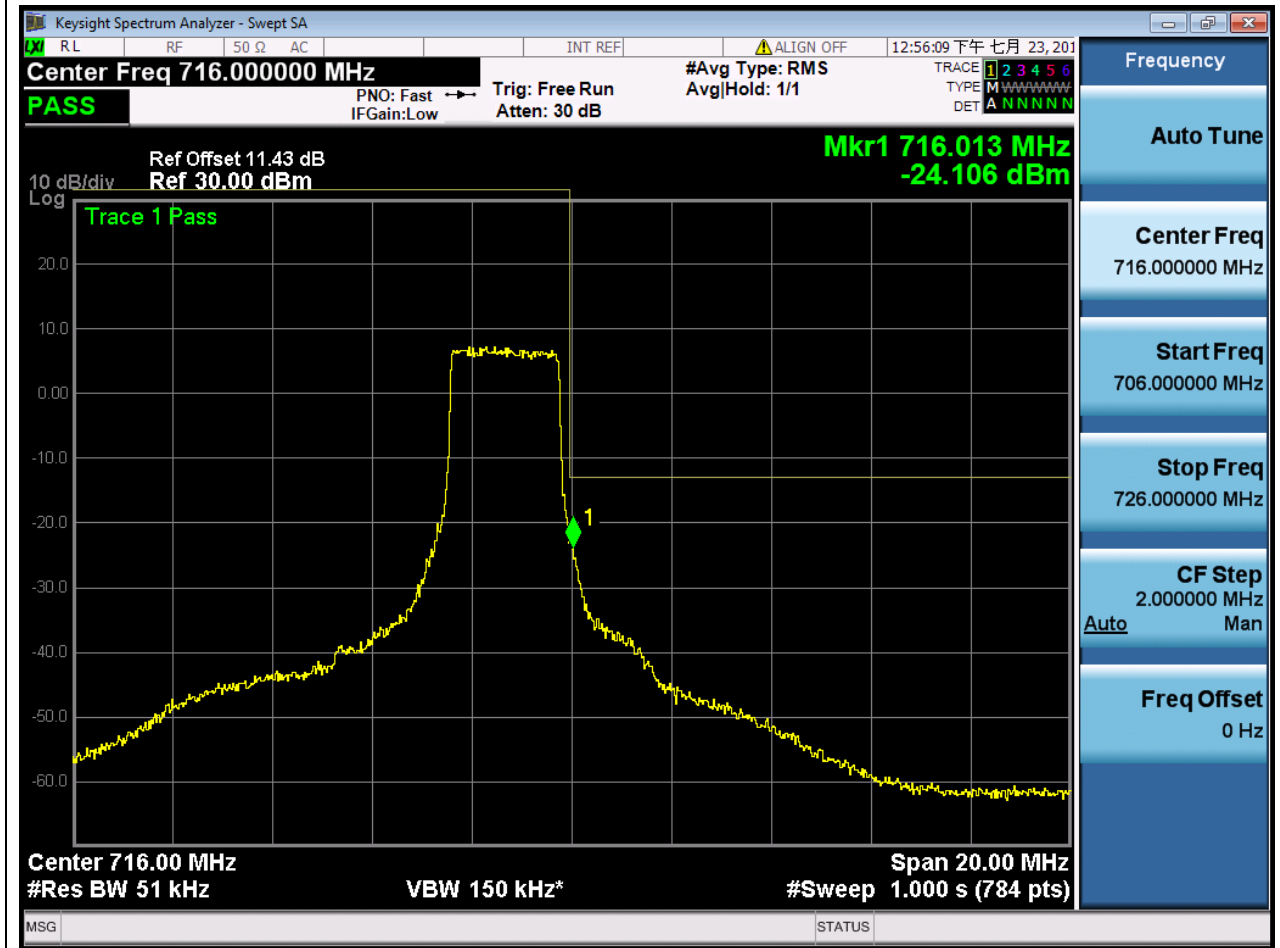
1.26. LTE Band Edge(NTNV)(Subtest:26, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-37.88	Pass	784



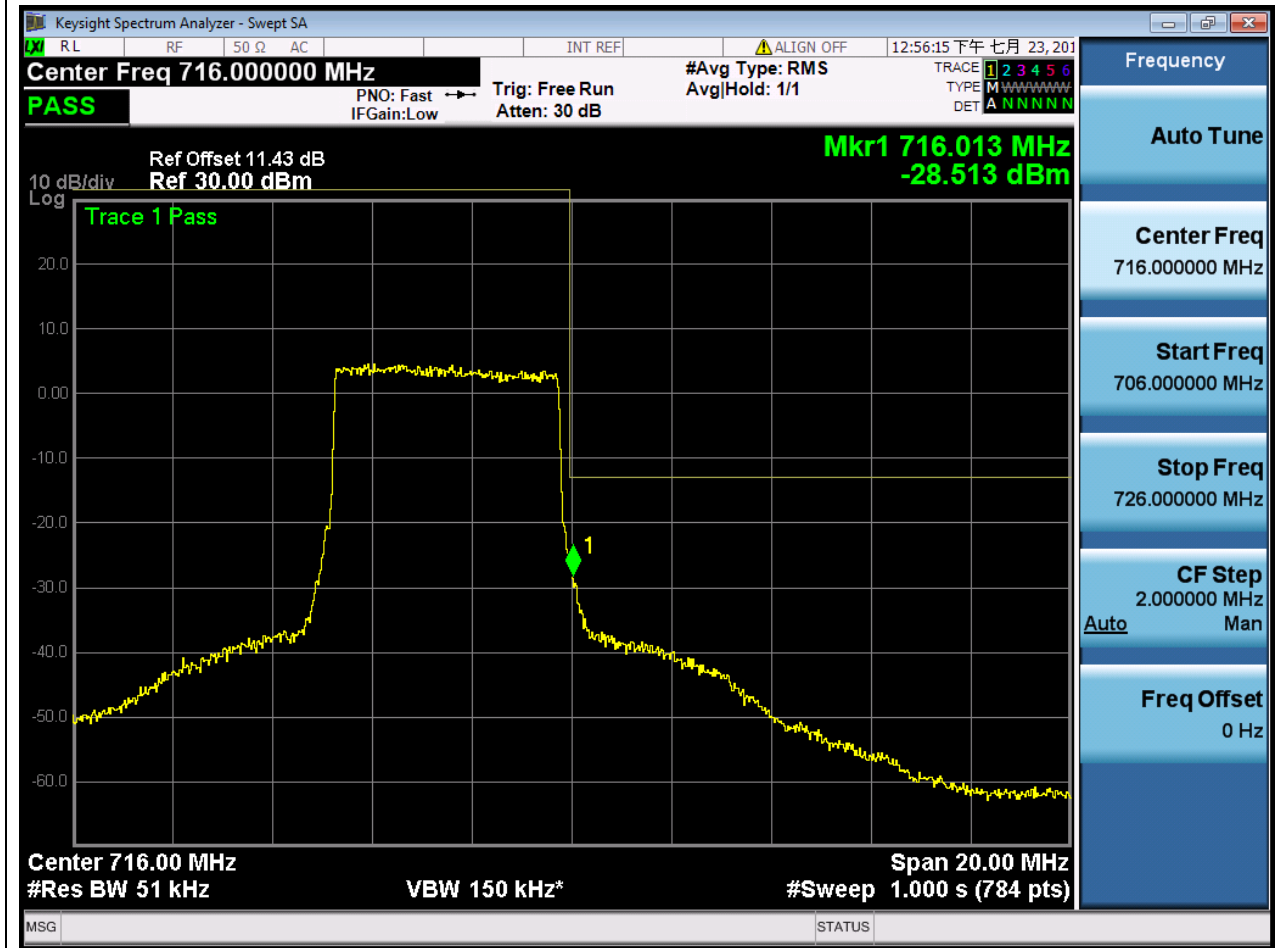
1.27. LTE Band Edge(NTNV)(Subtest:27, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-24.11	Pass	784



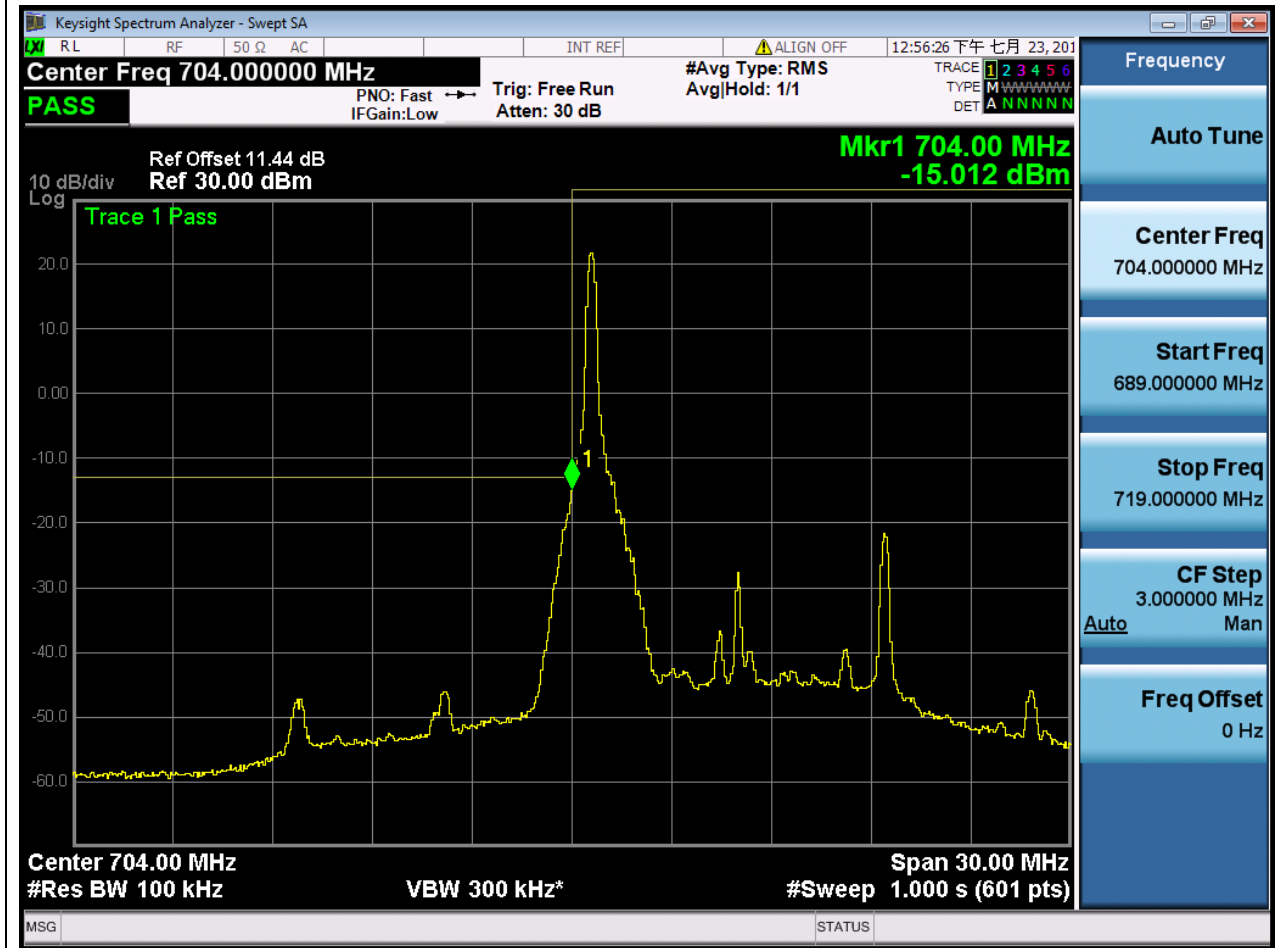
1.28. LTE Band Edge(NTNV)(Subtest:28, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	20	0.051	RMS	716.013	-28.51	Pass	784



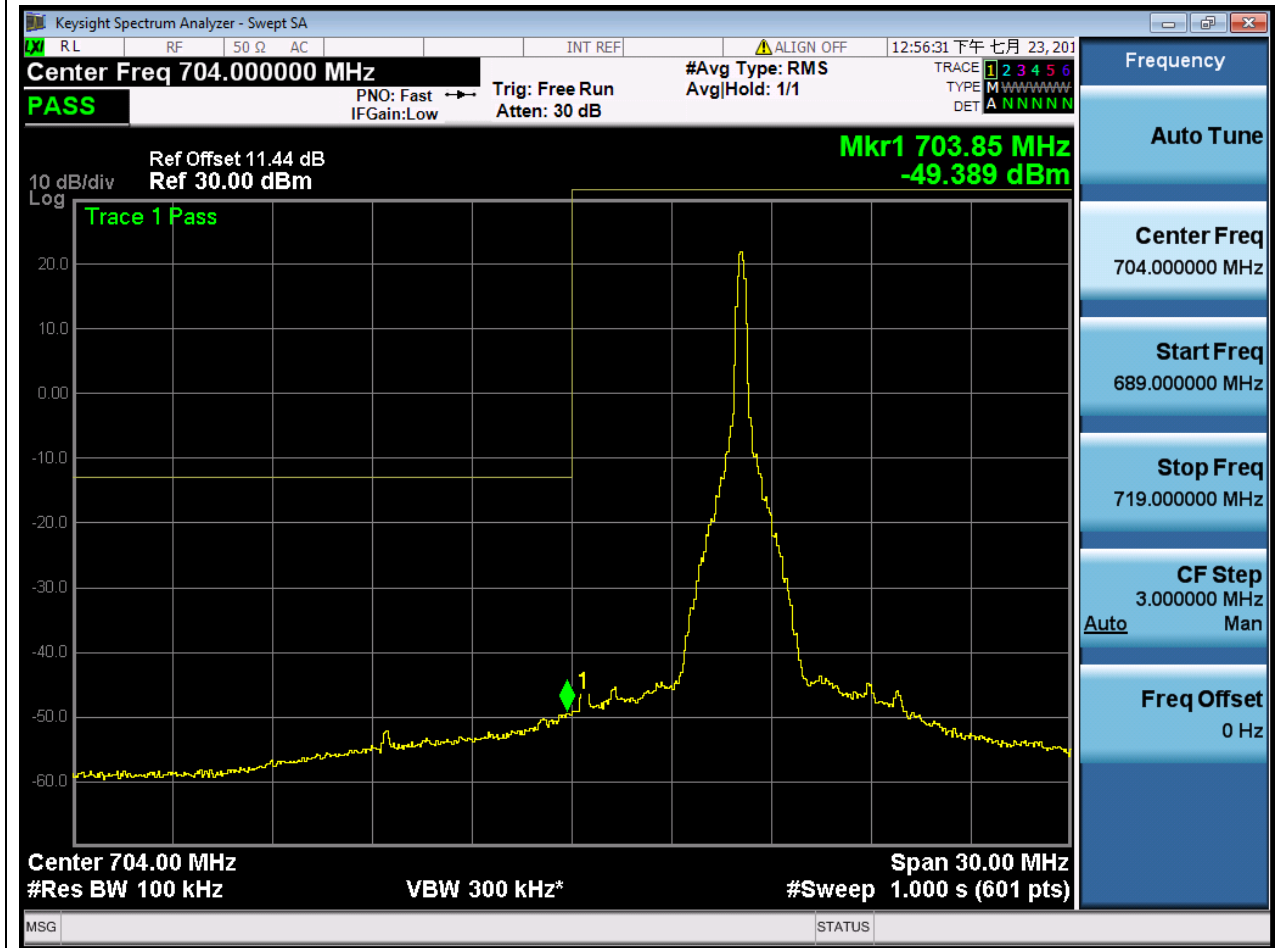
1.29. LTE Band Edge(NTNV)(Subtest:29, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-15.01	Pass	601



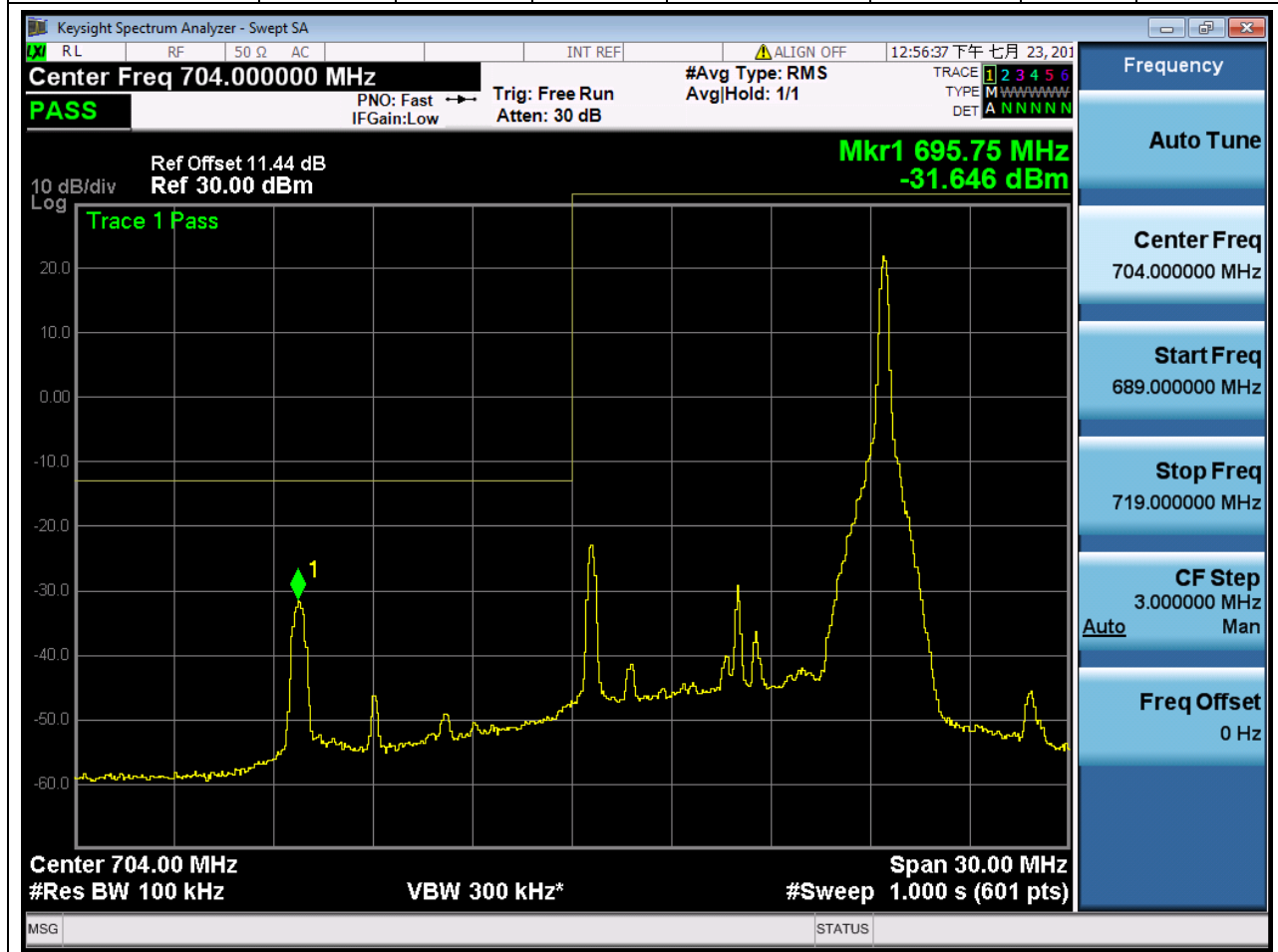
1.30. LTE Band Edge(NTNV)(Subtest:30, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	703.85	-49.39	Pass	601



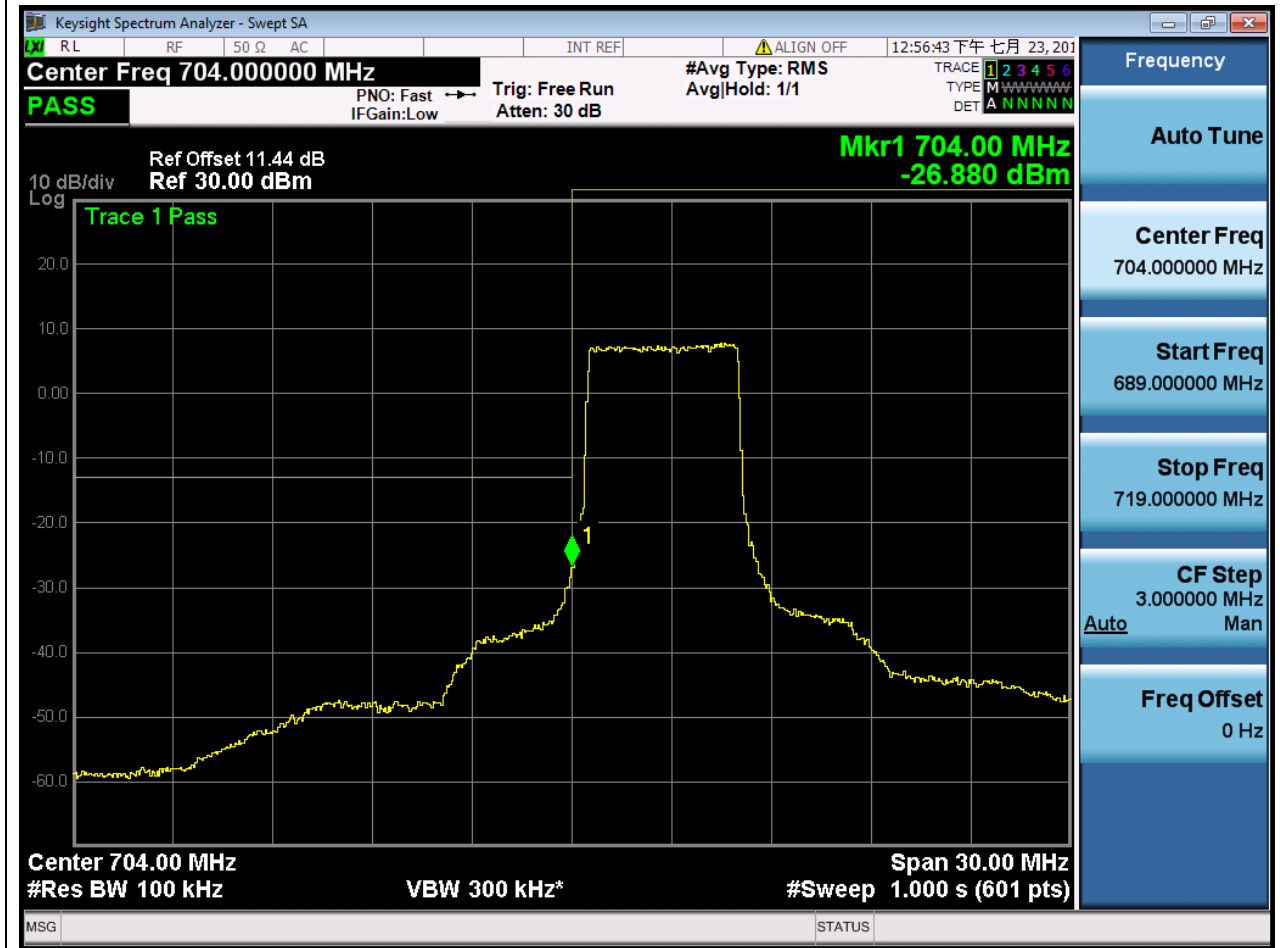
1.31. LTE Band Edge(NTNV)(Subtest:31, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	695.75	-31.65	Pass	601



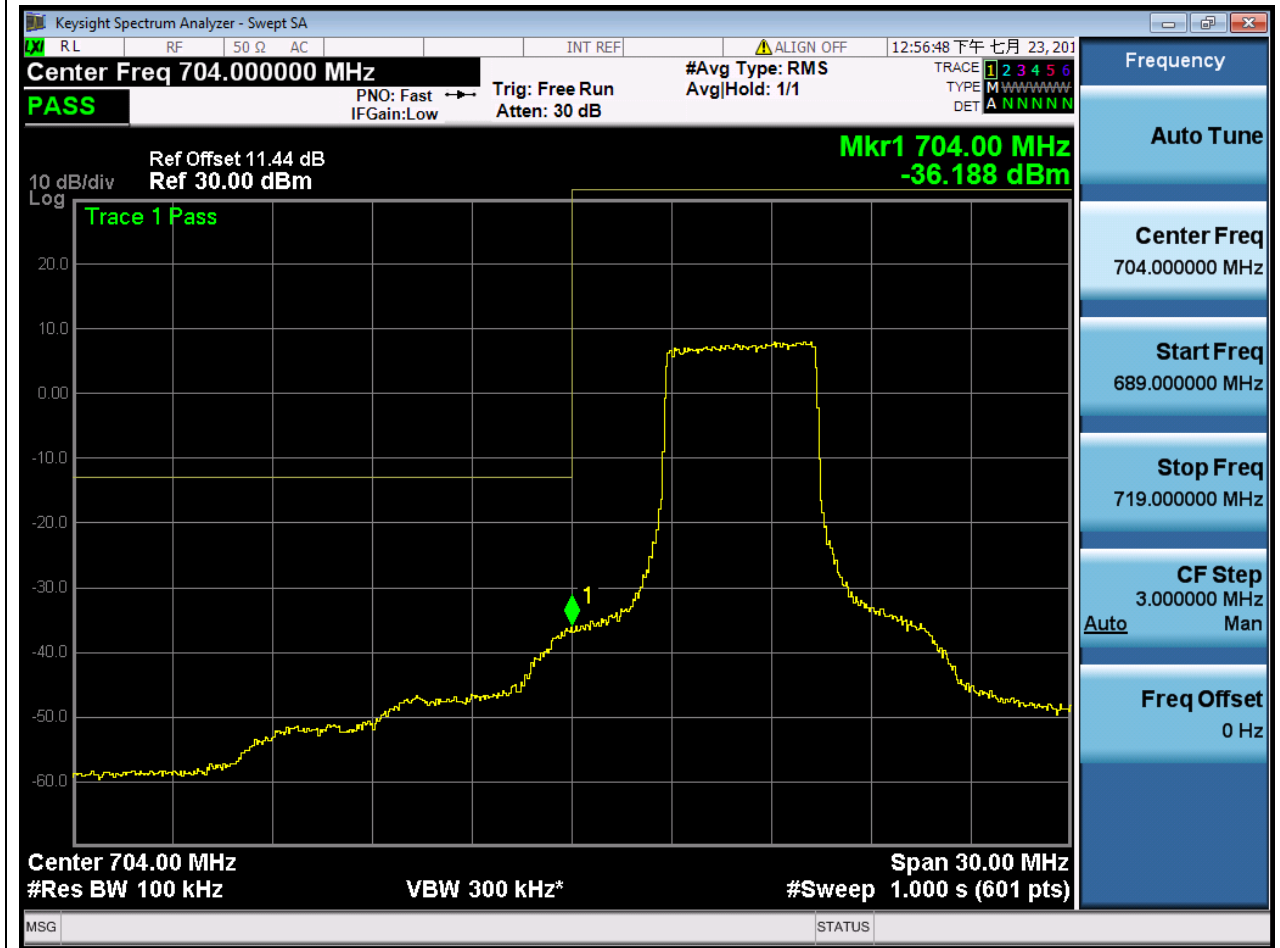
1.32. LTE Band Edge(NTNV)(Subtest:32, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-26.88	Pass	601



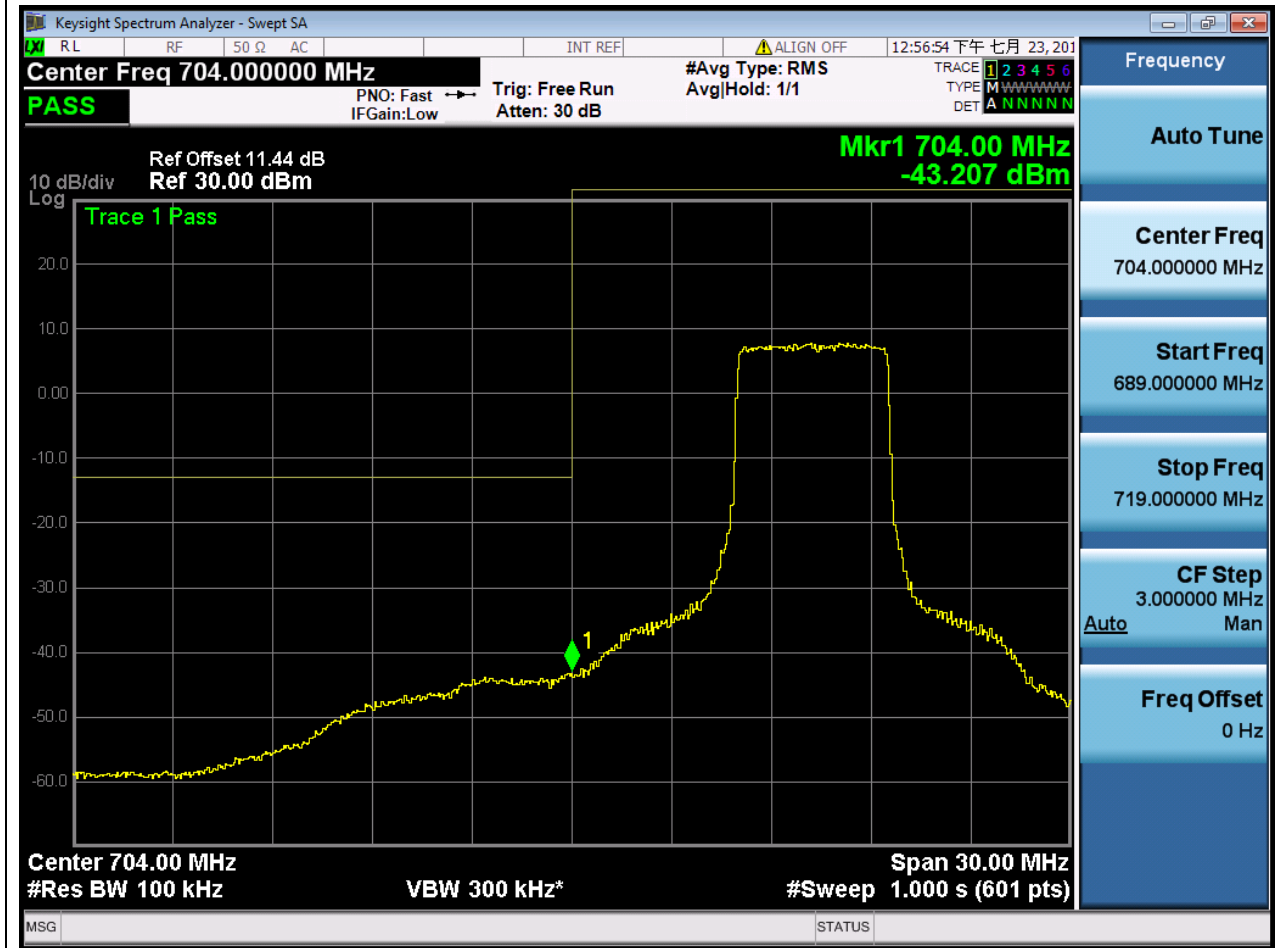
1.33. LTE Band Edge(NTNV)(Subtest:33, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-36.19	Pass	601



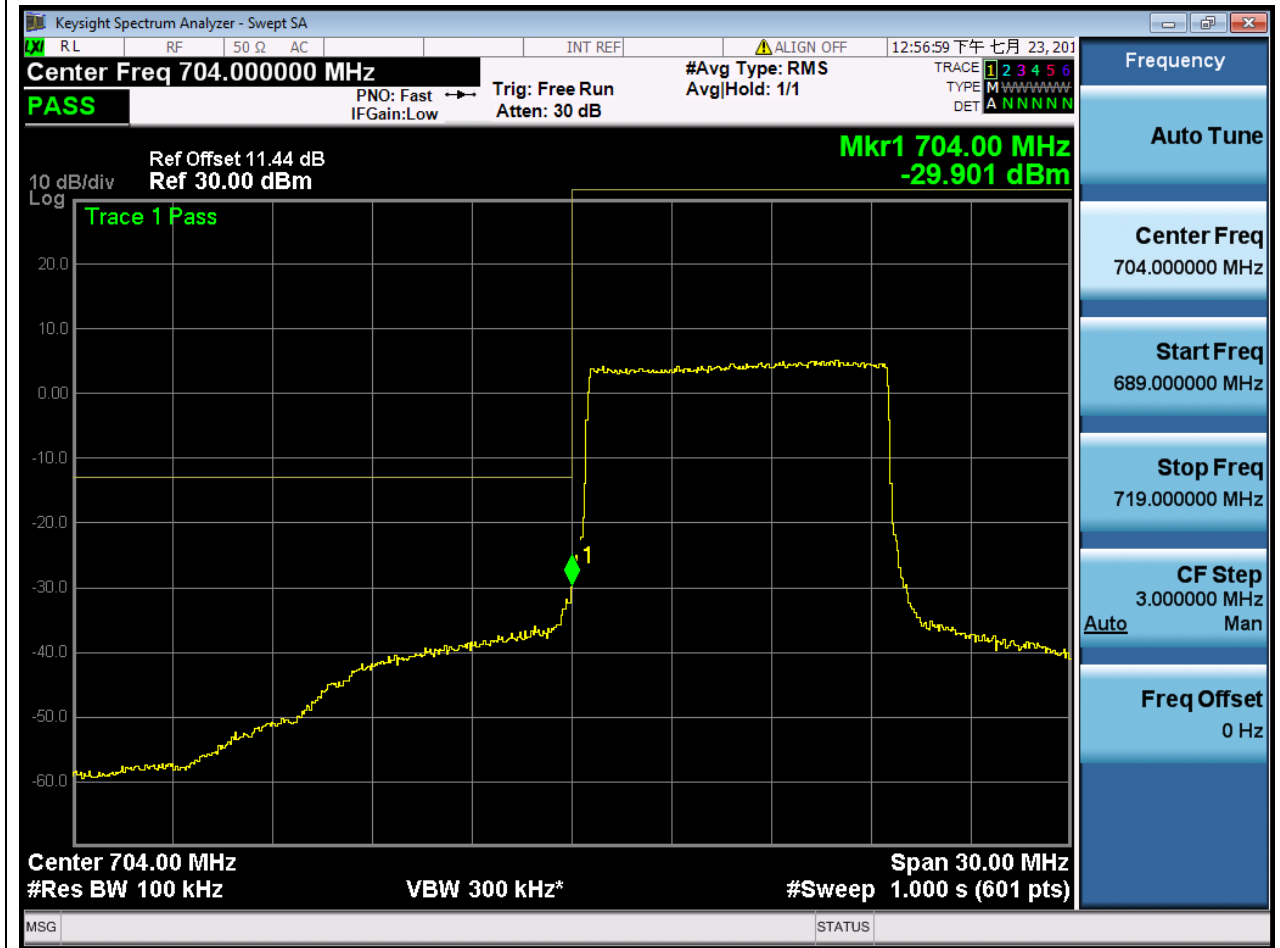
1.34. LTE Band Edge(NTNV)(Subtest:34, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-43.21	Pass	601



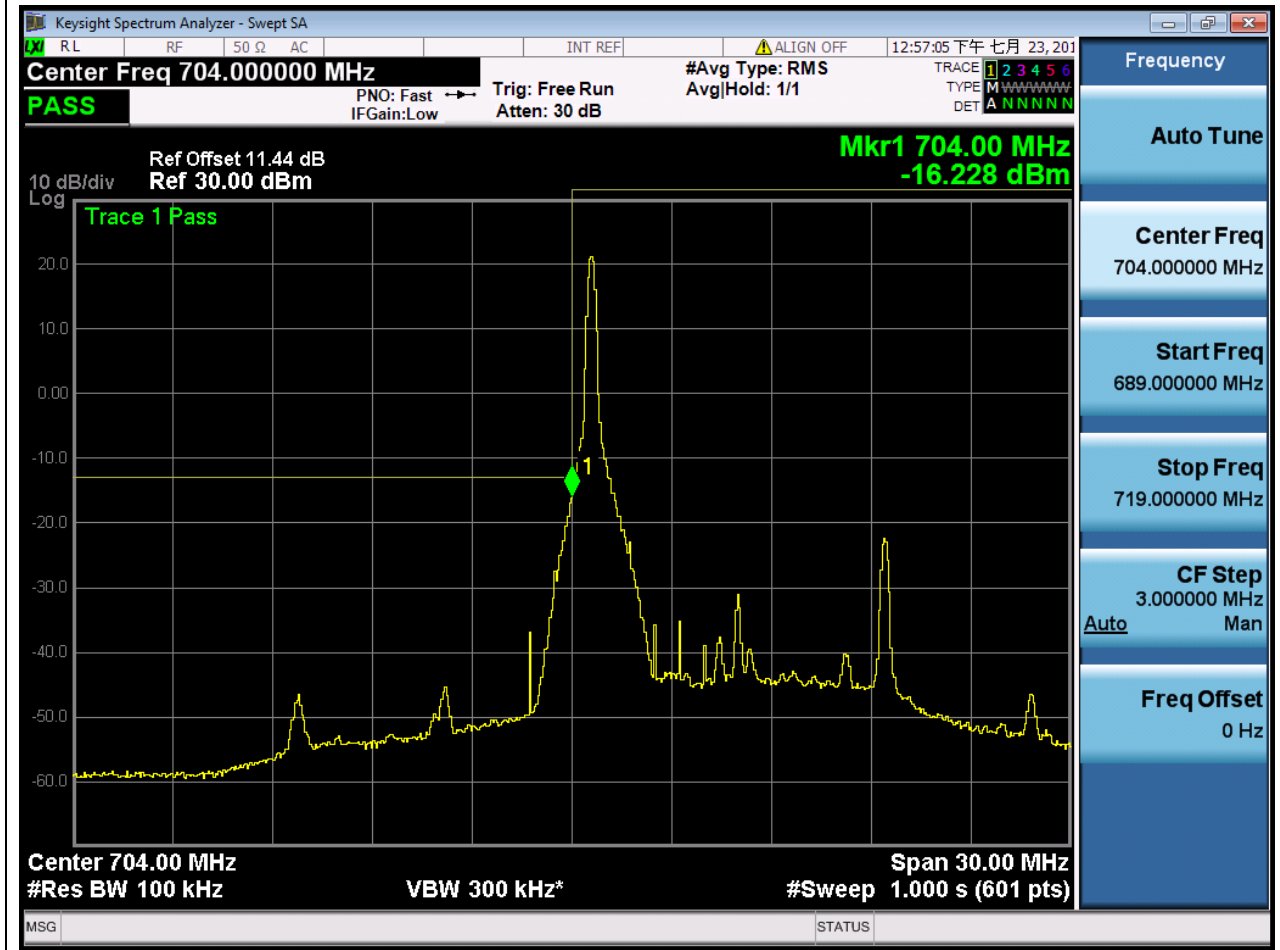
1.35. LTE Band Edge(NTNV)(Subtest:35, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-29.9	Pass	601



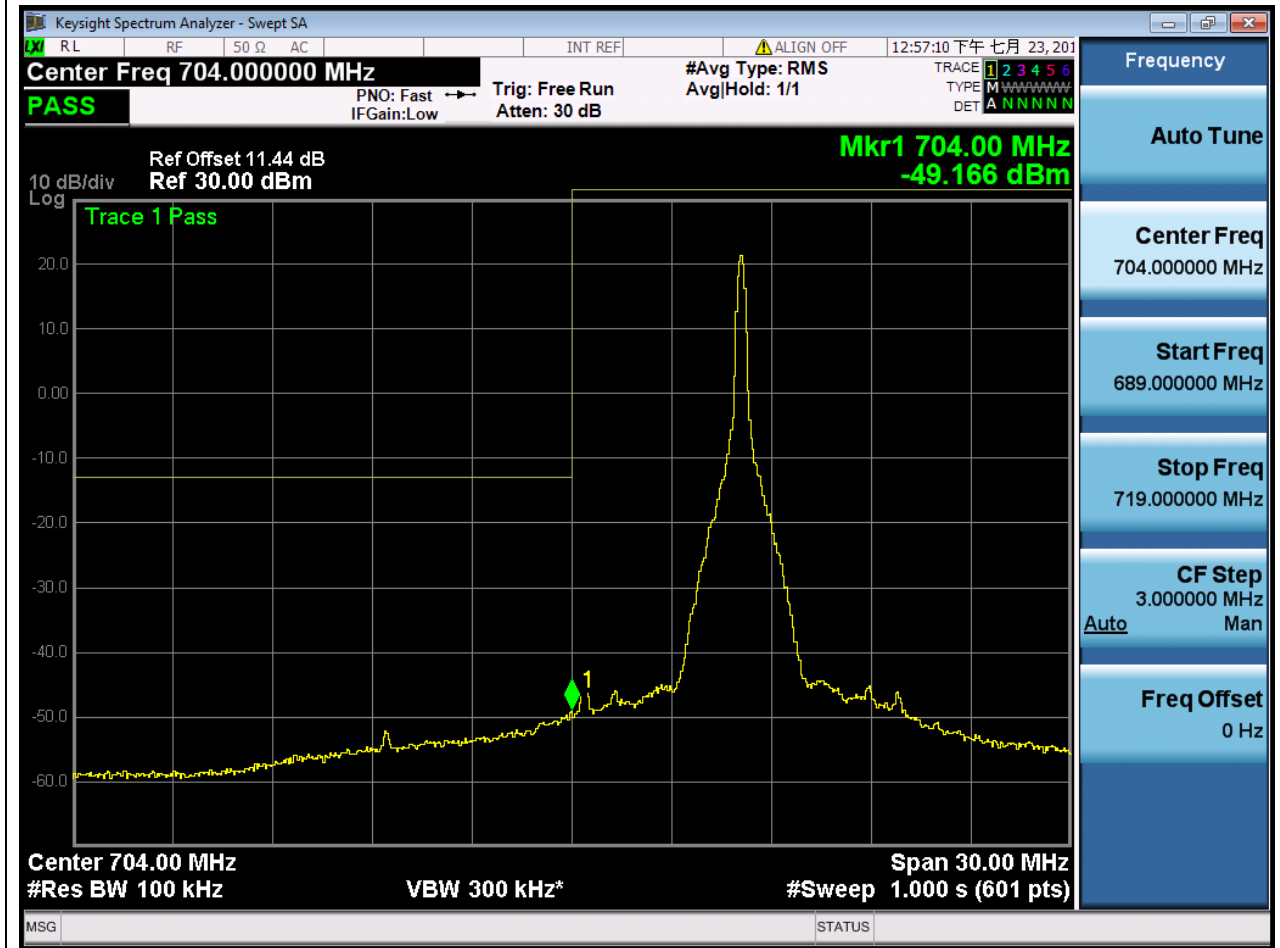
1.36. LTE Band Edge(NTNV)(Subtest:36, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-16.23	Pass	601



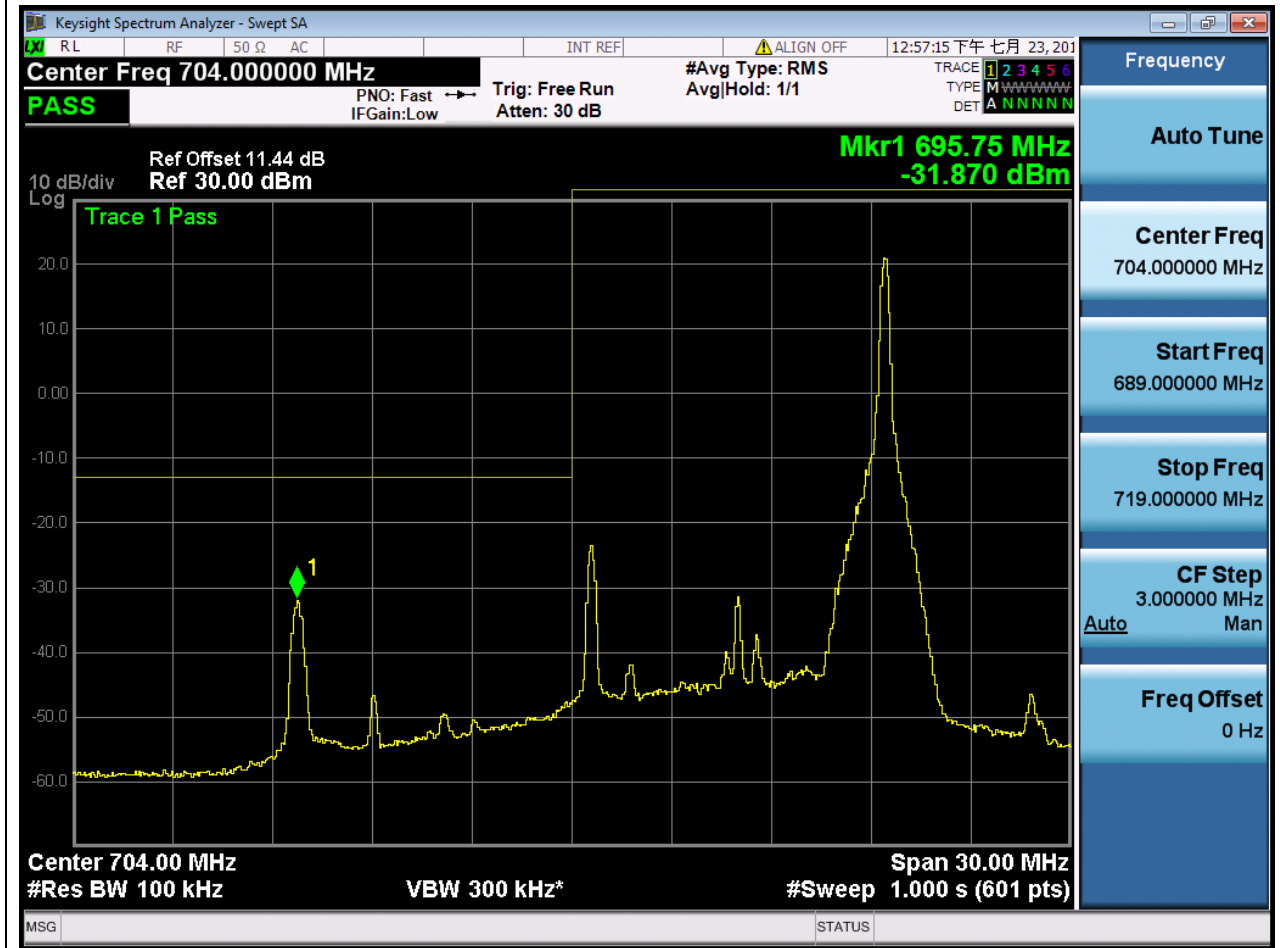
1.37. LTE Band Edge(NTNV)(Subtest:37, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-49.17	Pass	601



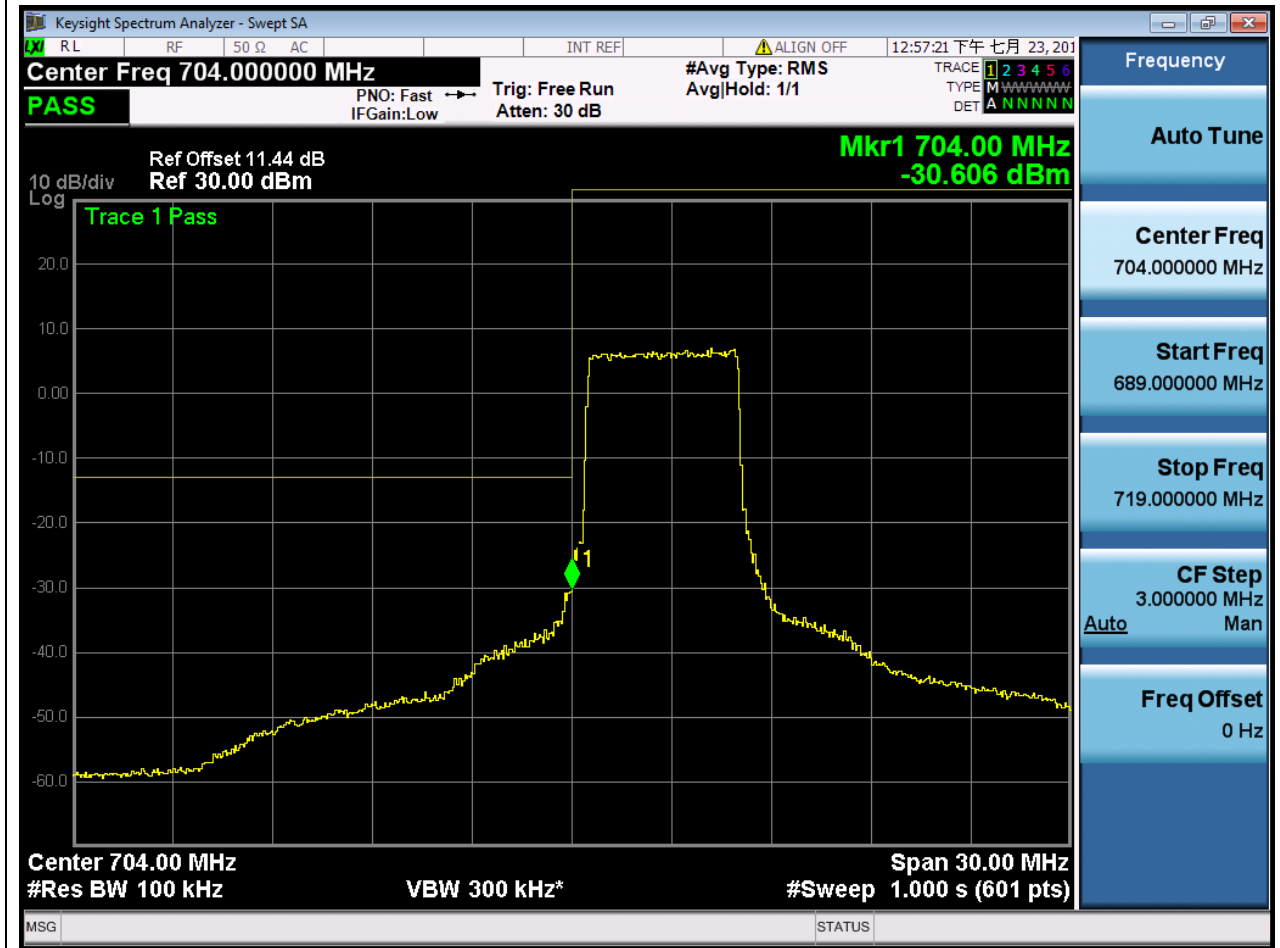
1.38. LTE Band Edge(NTNV)(Subtest:38, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	695.75	-31.87	Pass	601



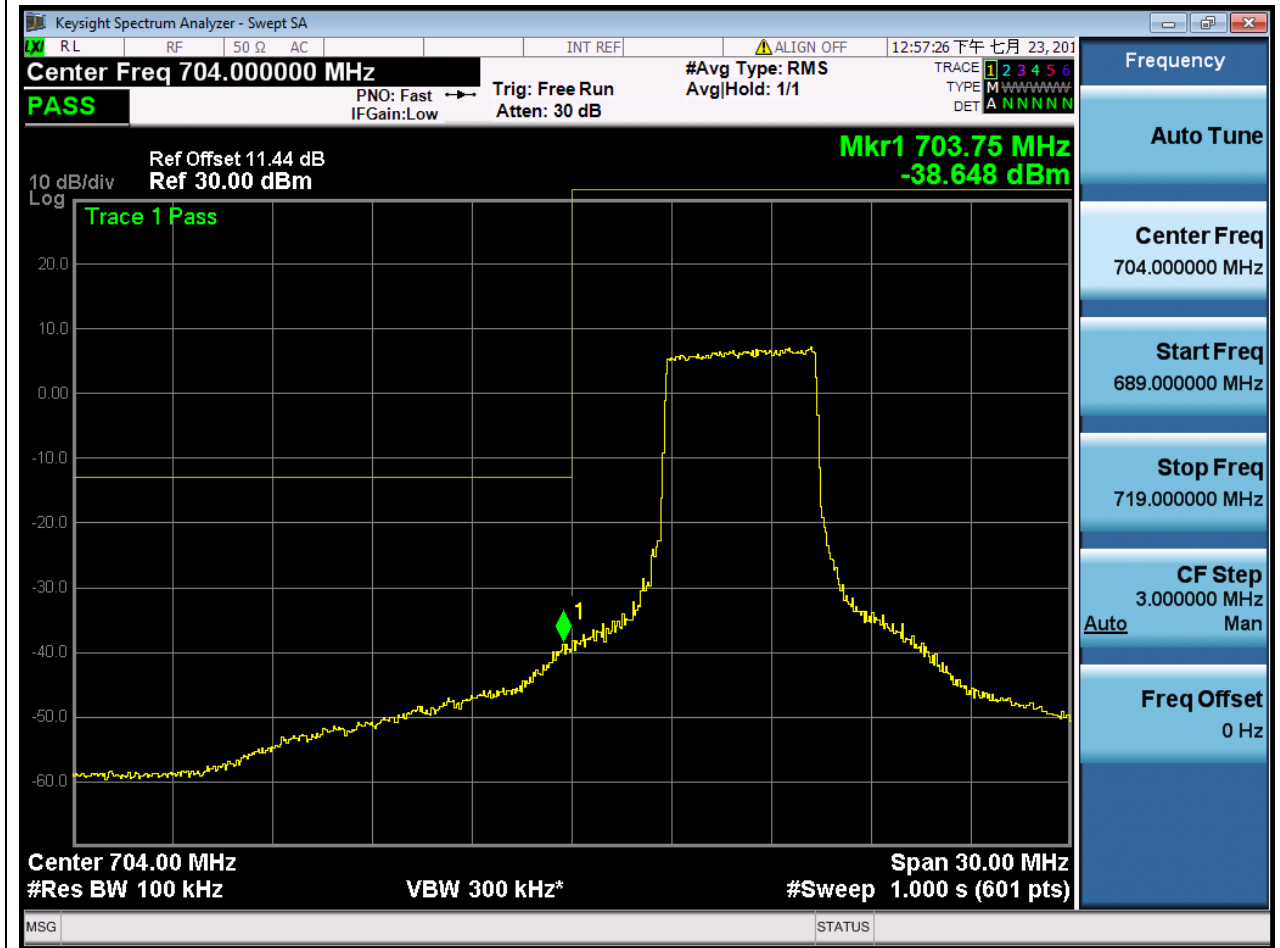
1.39. LTE Band Edge(NTNV)(Subtest:39, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-30.61	Pass	601



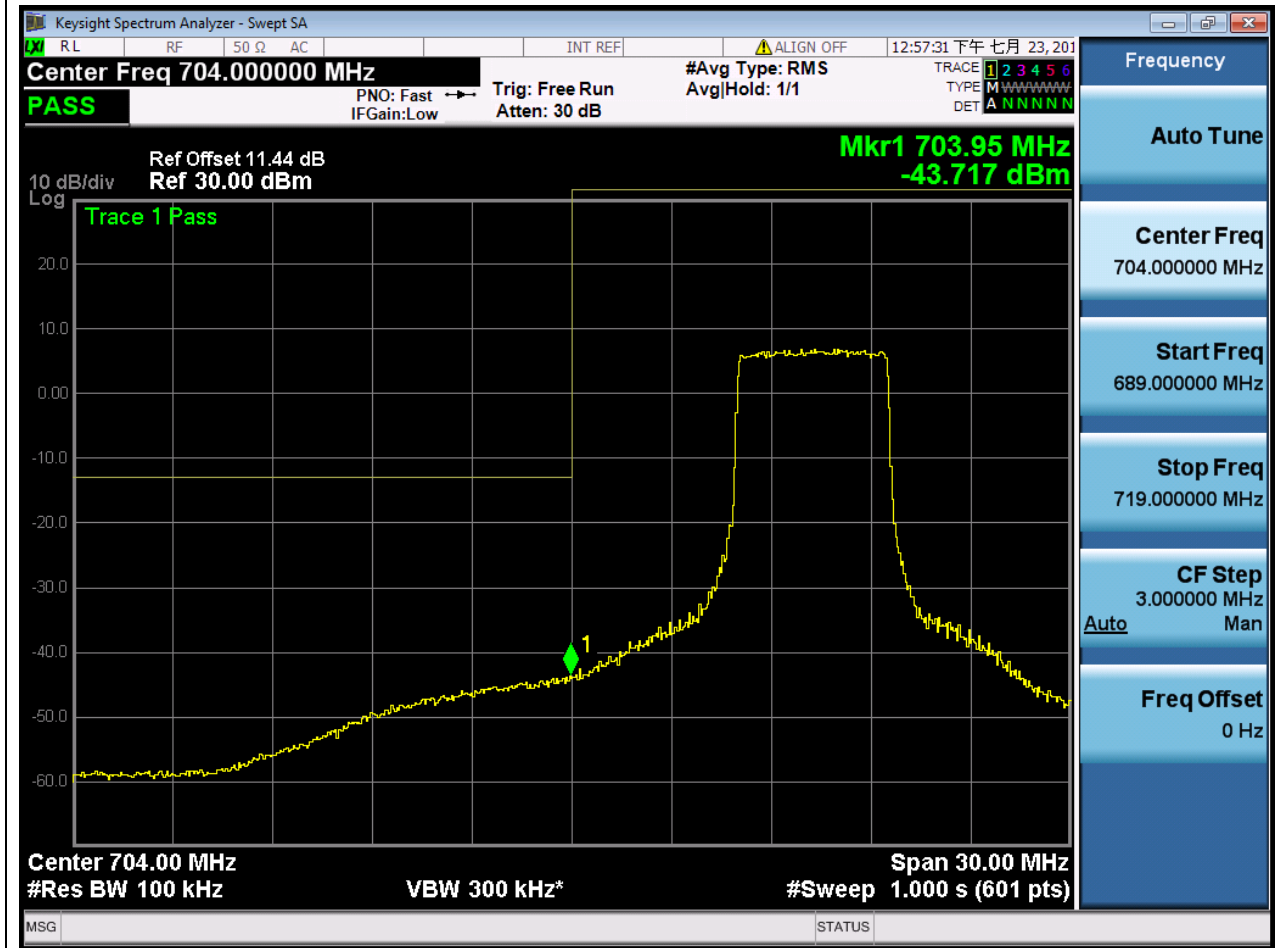
1.40. LTE Band Edge(NTNV)(Subtest:40, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	703.75	-38.65	Pass	601



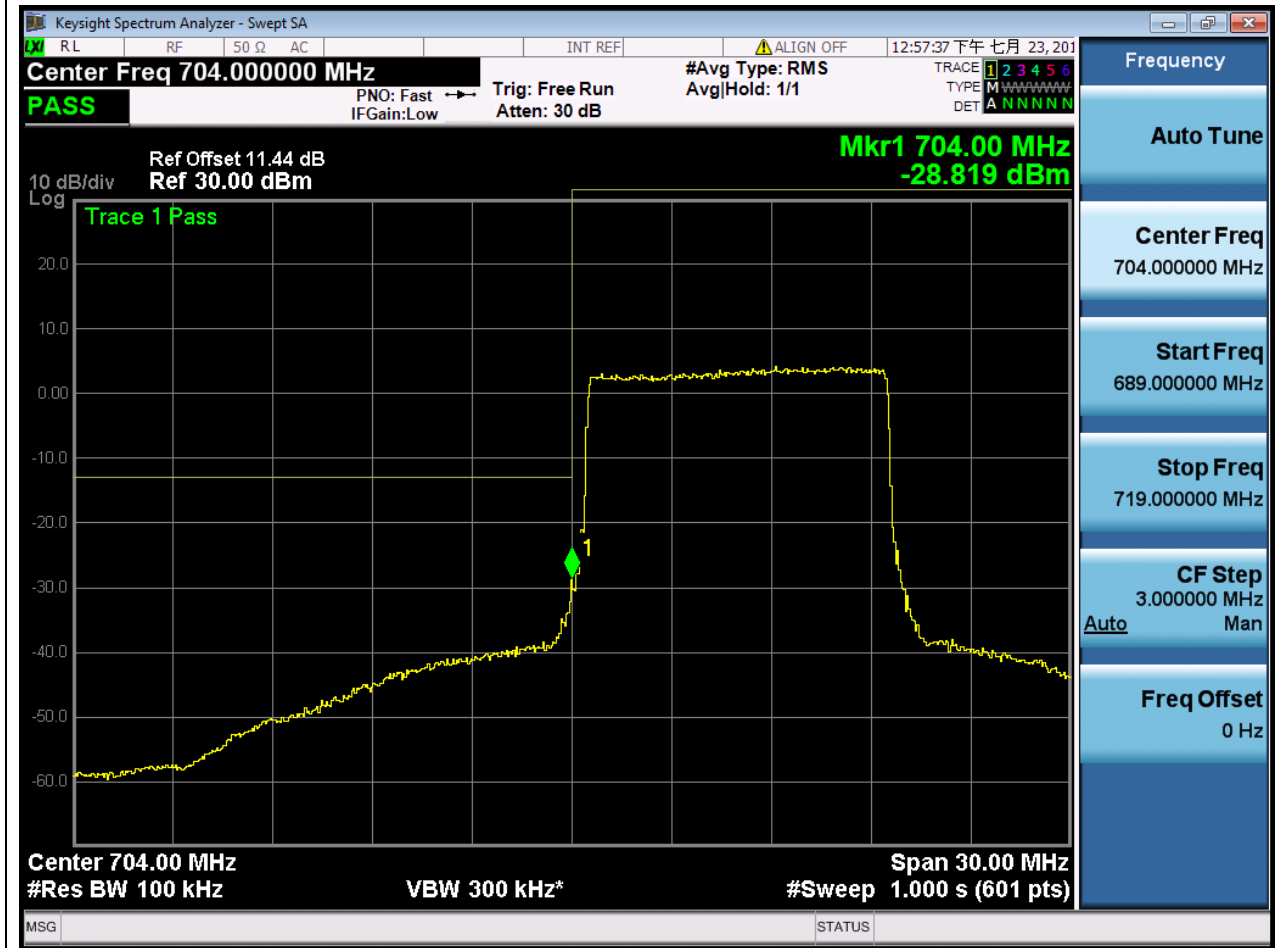
1.41. LTE Band Edge(NTNV)(Subtest:41, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	703.95	-43.72	Pass	601



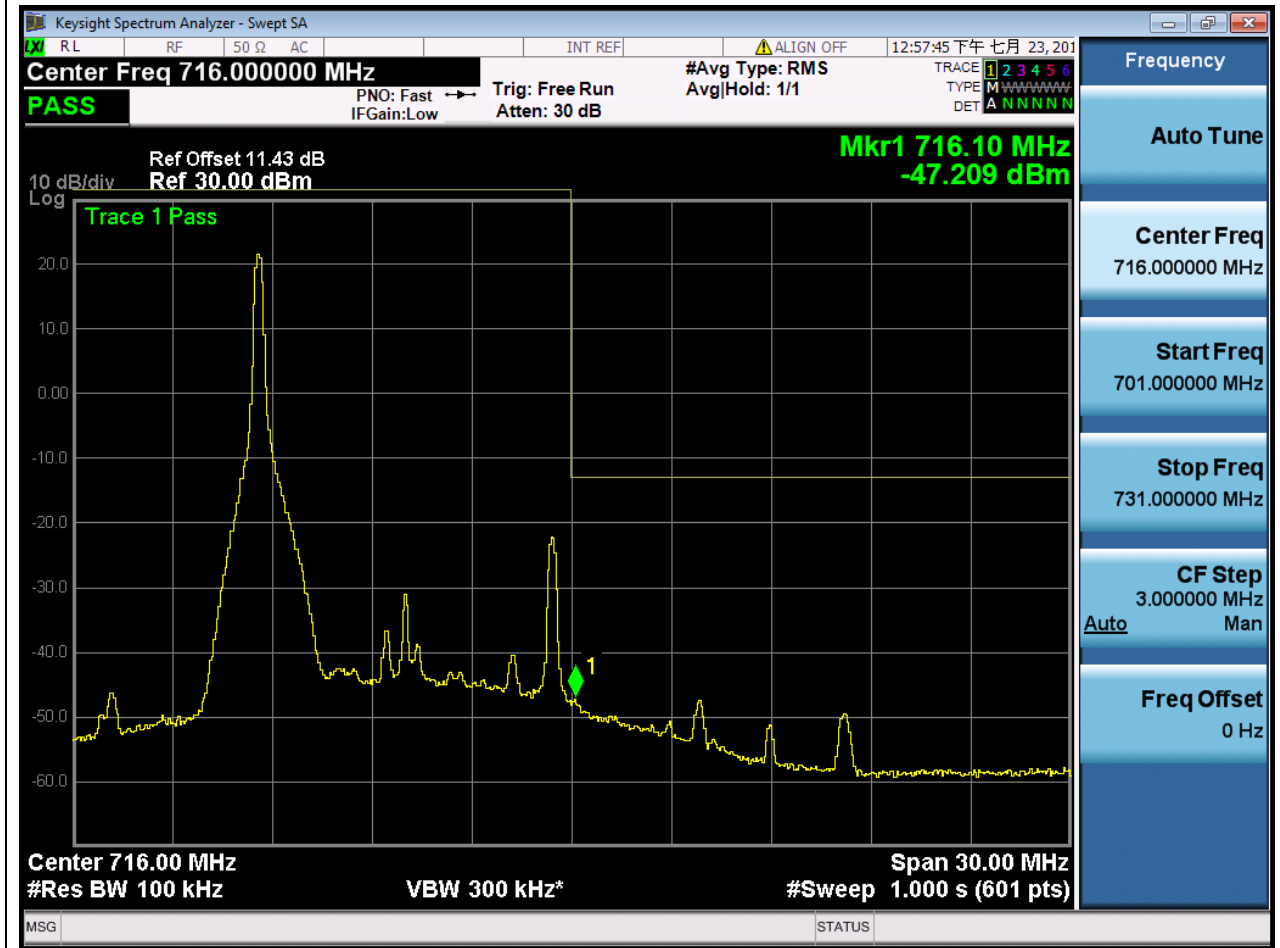
1.42. LTE Band Edge(NTNV)(Subtest:42, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
704	30	0.1	RMS	704	-28.82	Pass	601



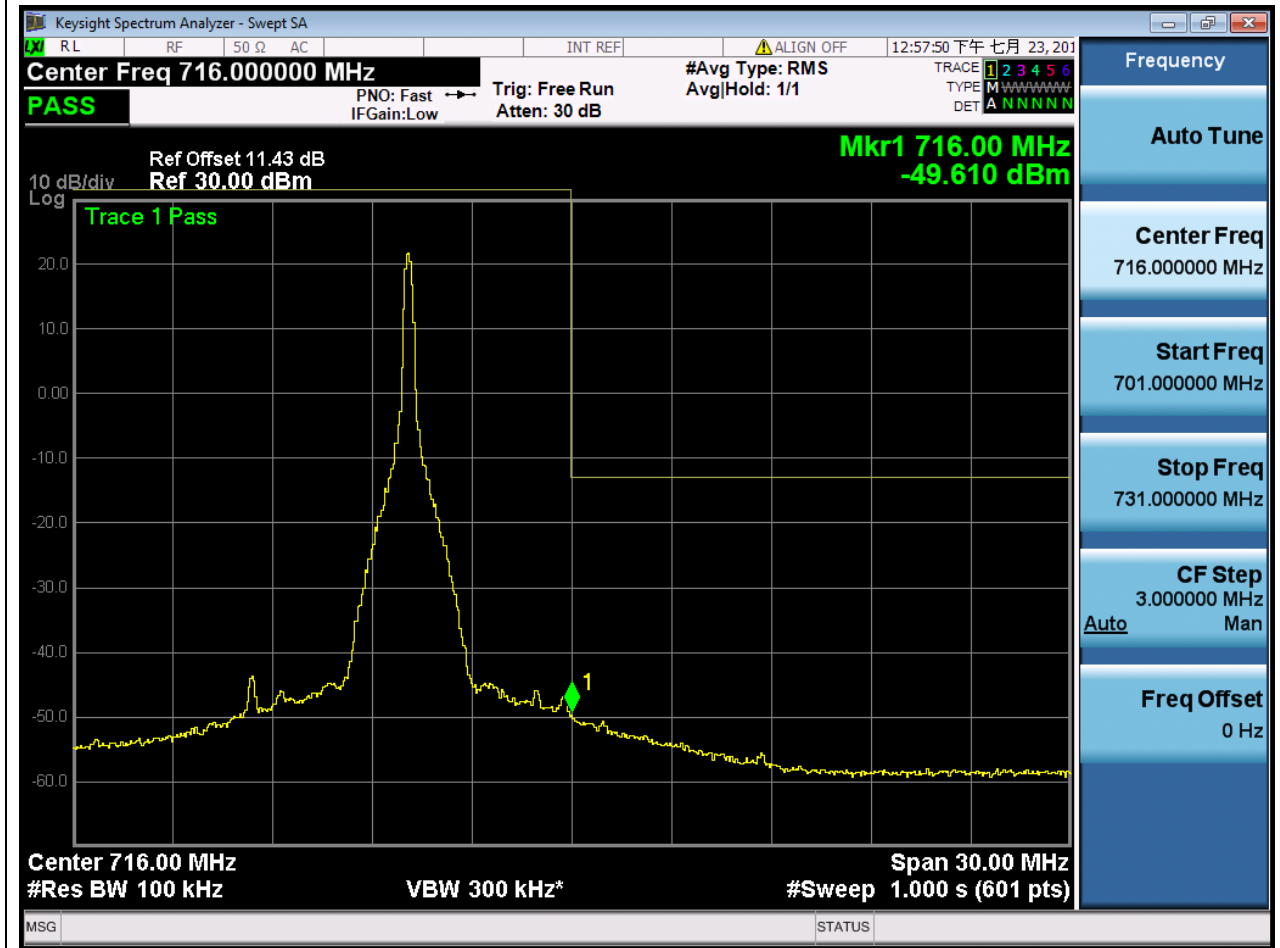
1.43. LTE Band Edge(NTNV)(Subtest:43, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716.1	-47.21	Pass	601



1.44. LTE Band Edge(NTNV)(Subtest:44, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-49.61	Pass	601



Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-15.28	Pass	601

Keysight Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz

PASS

Ref Offset 11.43 dB

Ref 30.00 dBm

10 dB/div

Log

Trace 1 Pass

Mkr1 716.00 MHz

-15.276 dBm

Center 716.00 MHz

#Res BW 100 kHz

VBW 300 kHz*

Span 30.00 MHz

#Sweep 1.000 s (601 pts)

Frequency

Auto Tune

Center Freq 716.000000 MHz

Start Freq 701.000000 MHz

Stop Freq 731.000000 MHz

CF Step 3.000000 MHz

Auto Man

Freq Offset 0 Hz

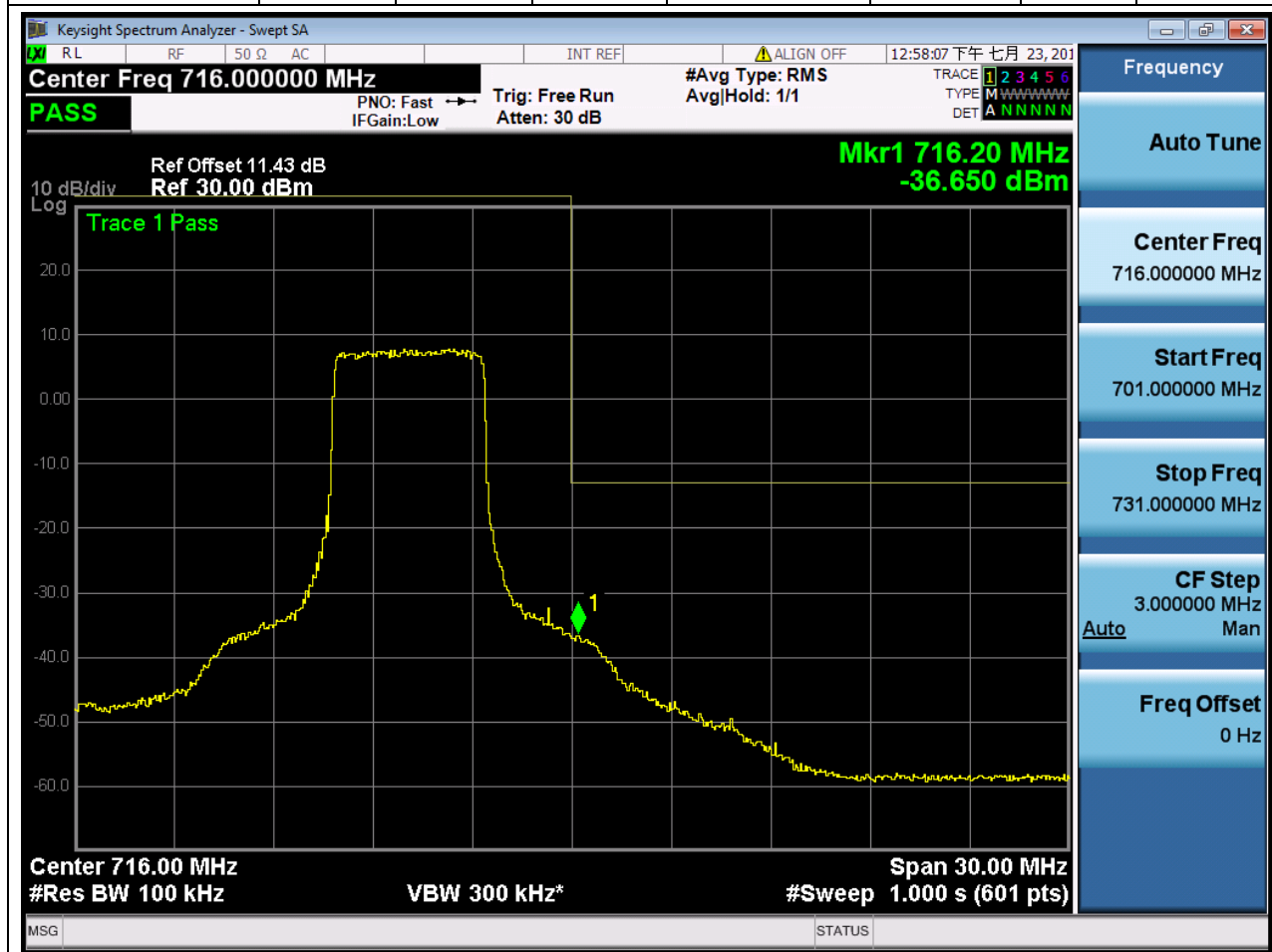
1.46. LTE Band Edge(NTNV)(Subtest:46, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-44.03	Pass	601



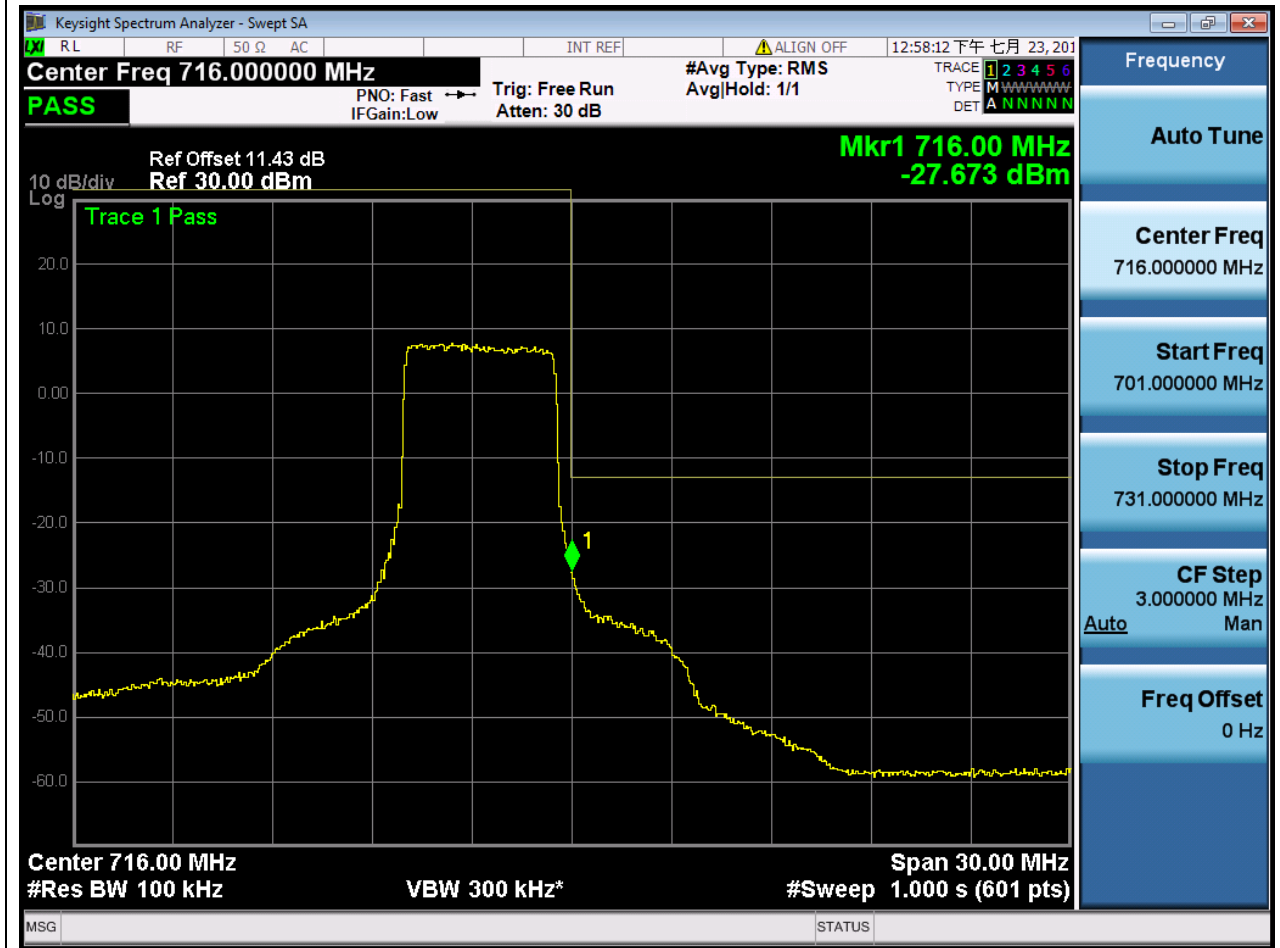
1.47. LTE Band Edge(NTNV)(Subtest:47, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716.2	-36.65	Pass	601



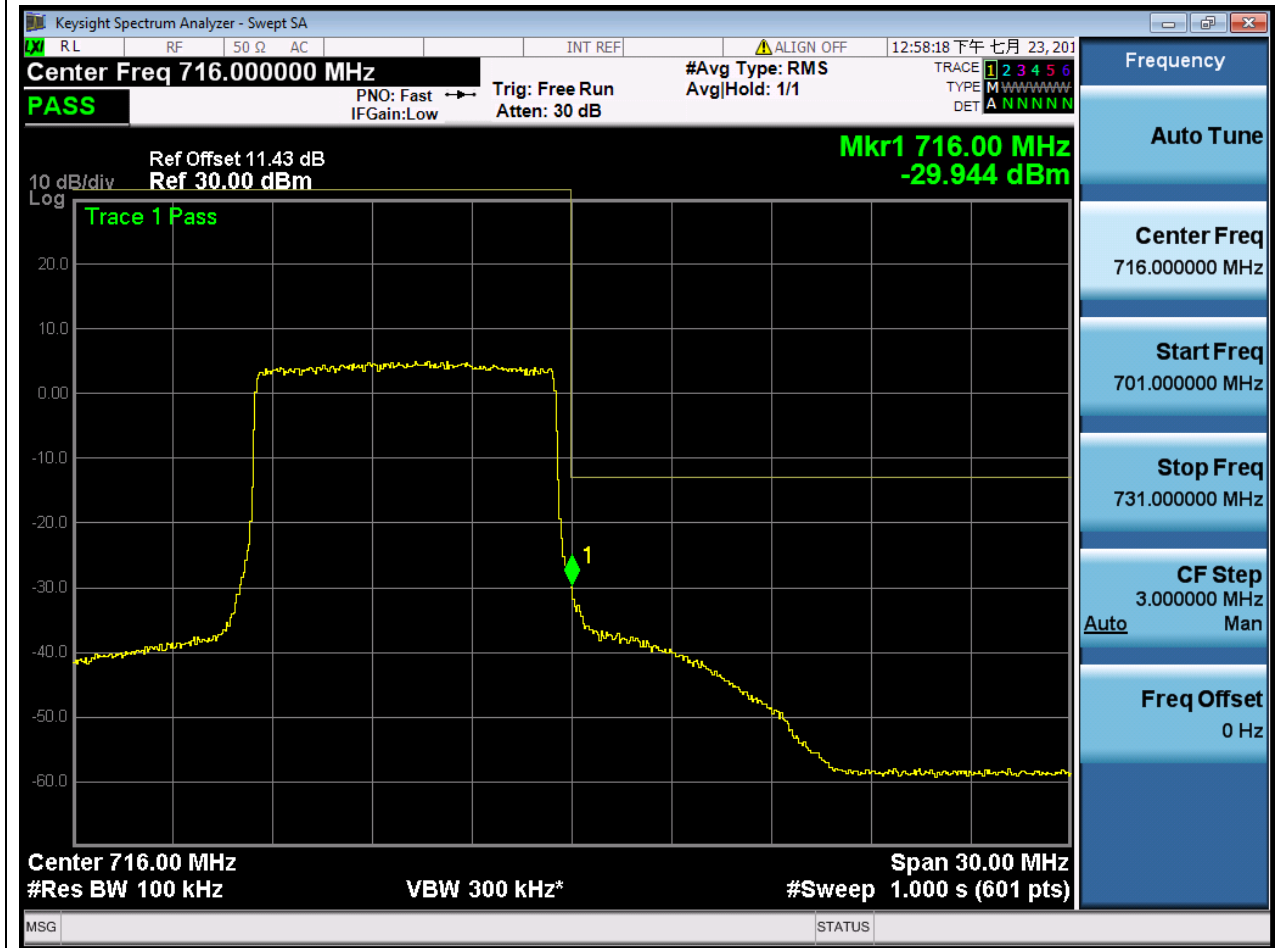
1.48. LTE Band Edge(NTNV)(Subtest:48, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-27.67	Pass	601



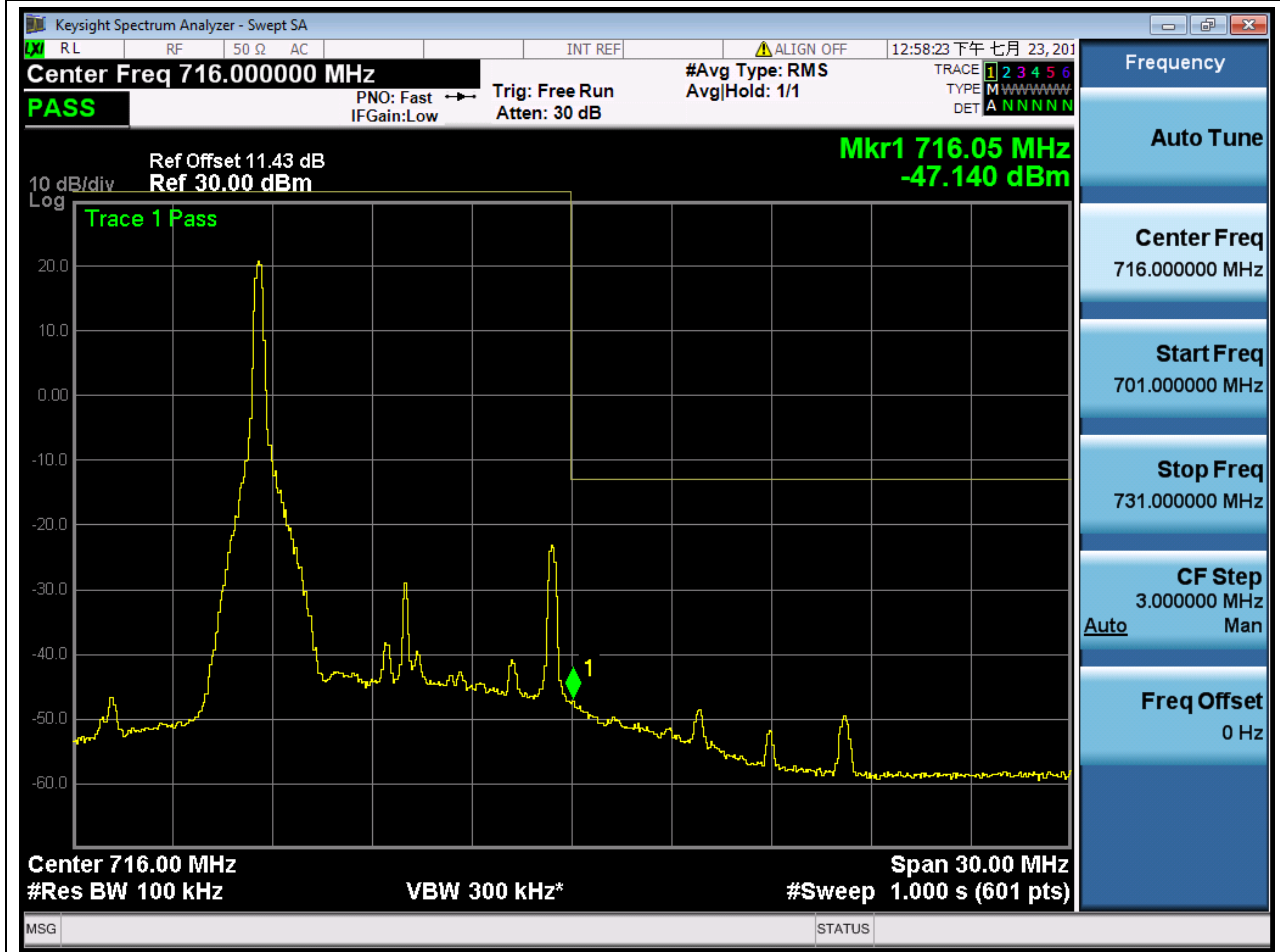
1.49. LTE Band Edge(NTNV)(Subtest:49, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-29.94	Pass	601



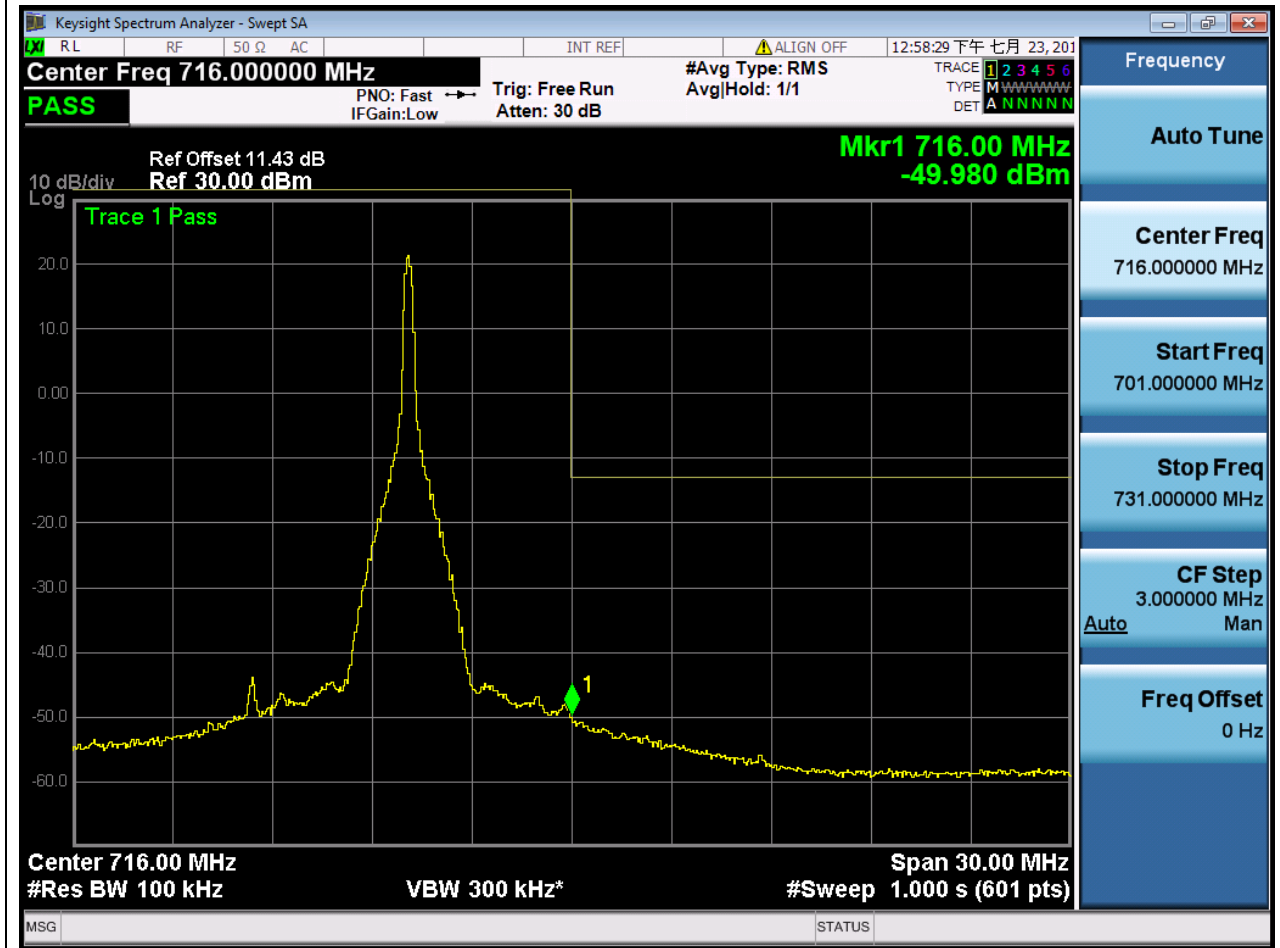
1.50. LTE Band Edge(NTNV)(Subtest:50, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716.05	-47.14	Pass	601



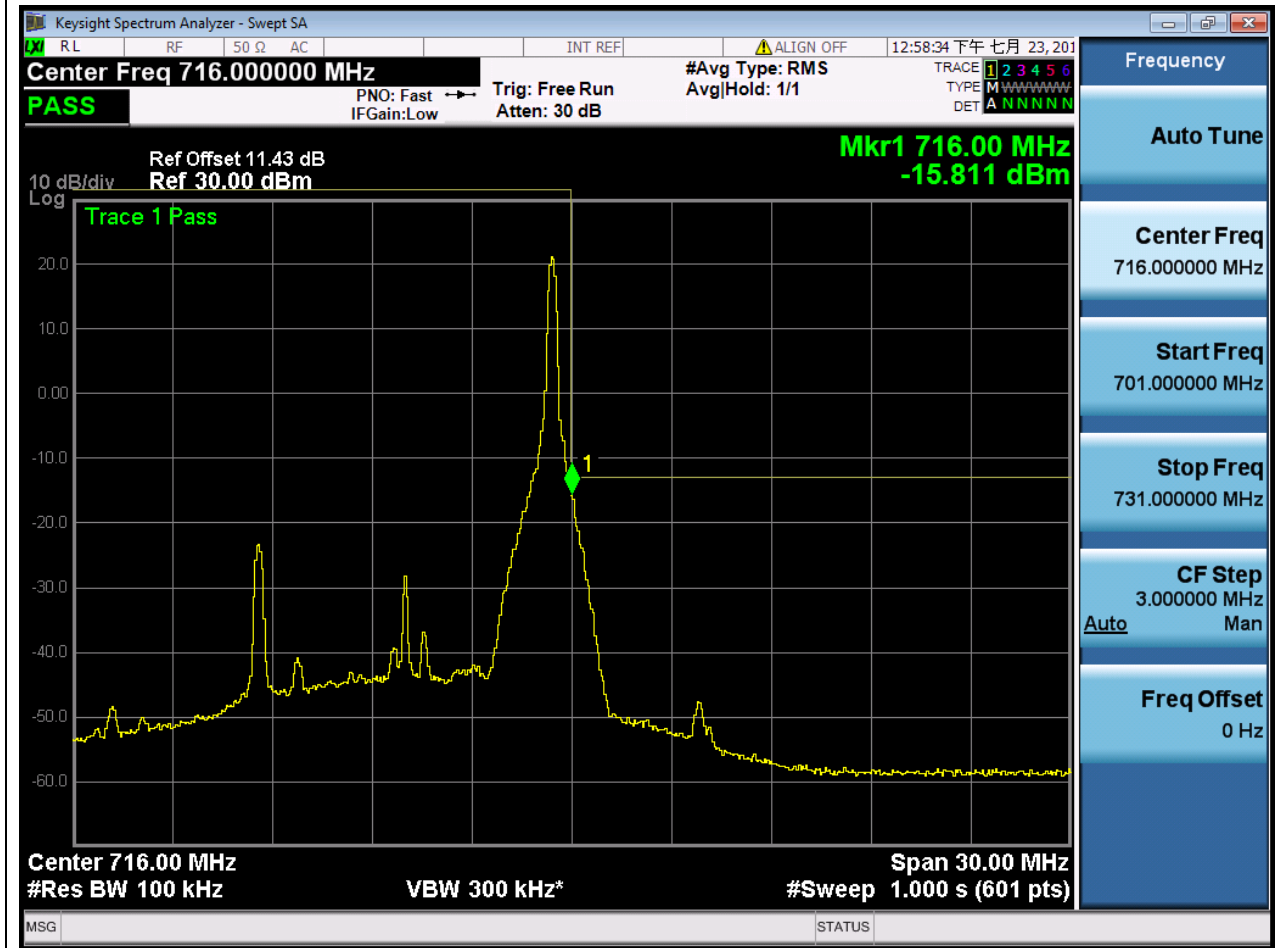
1.51. LTE Band Edge(NTNV)(Subtest:51, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-49.98	Pass	601



1.52. LTE Band Edge(NTNV)(Subtest:52, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-15.81	Pass	601



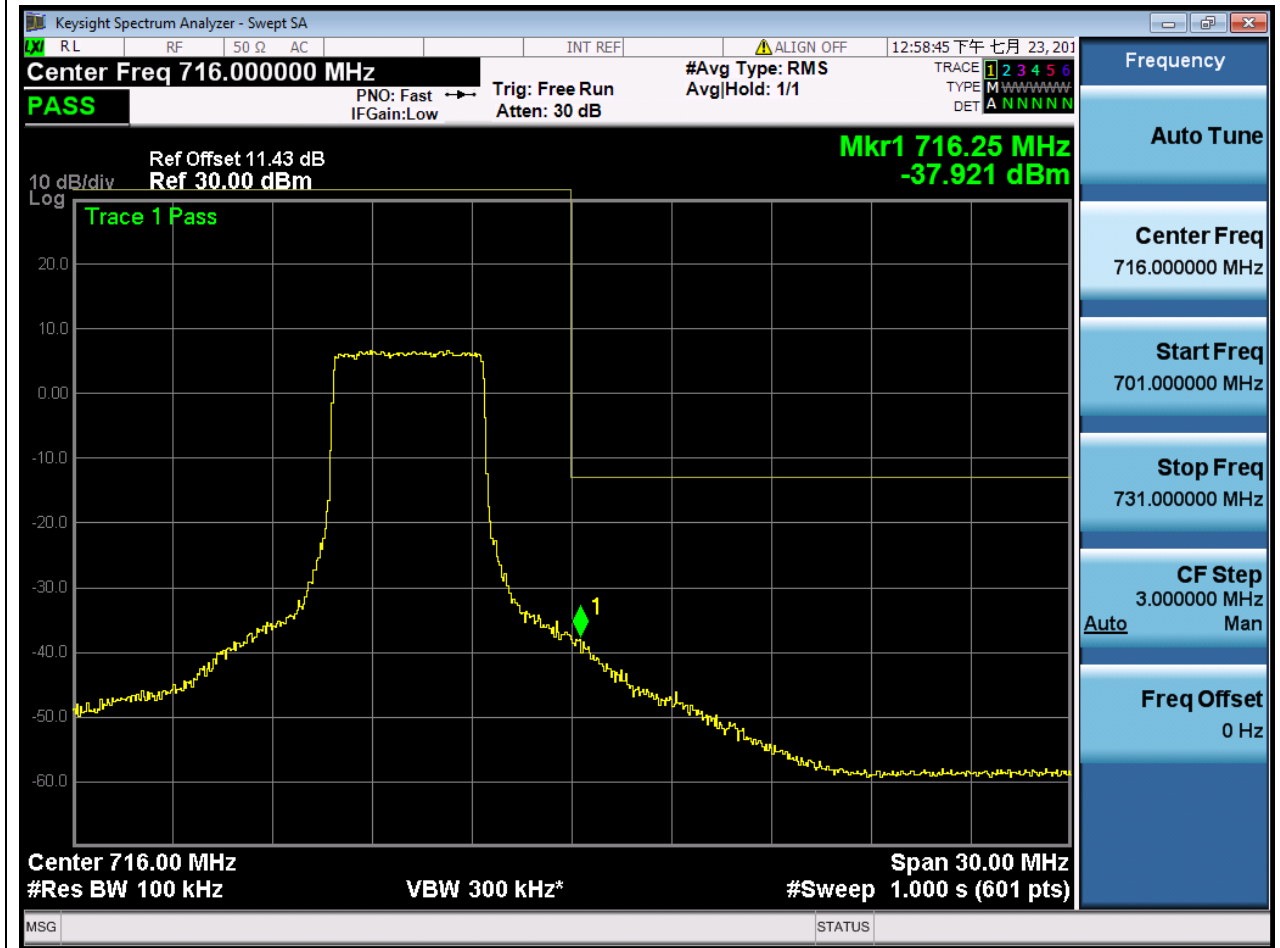
1.53. LTE Band Edge(NTNV)(Subtest:53, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-43.68	Pass	601



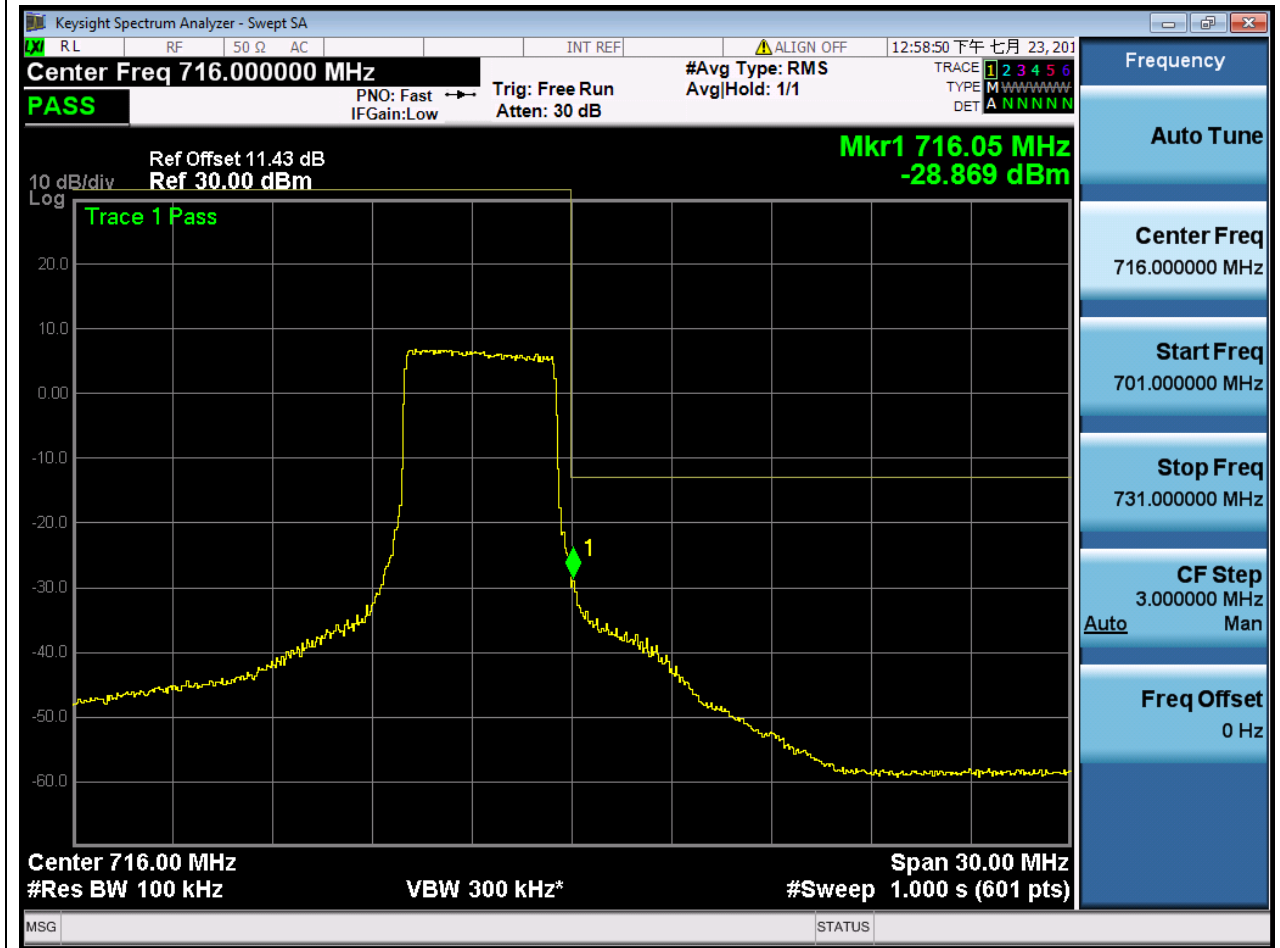
1.54. LTE Band Edge(NTNV)(Subtest:54, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716.25	-37.92	Pass	601



1.55. LTE Band Edge(NTNV)(Subtest:55, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716.05	-28.87	Pass	601



1.56. LTE Band Edge(NTNV)(Subtest:56, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
716	30	0.1	RMS	716	-32.14	Pass	601



END