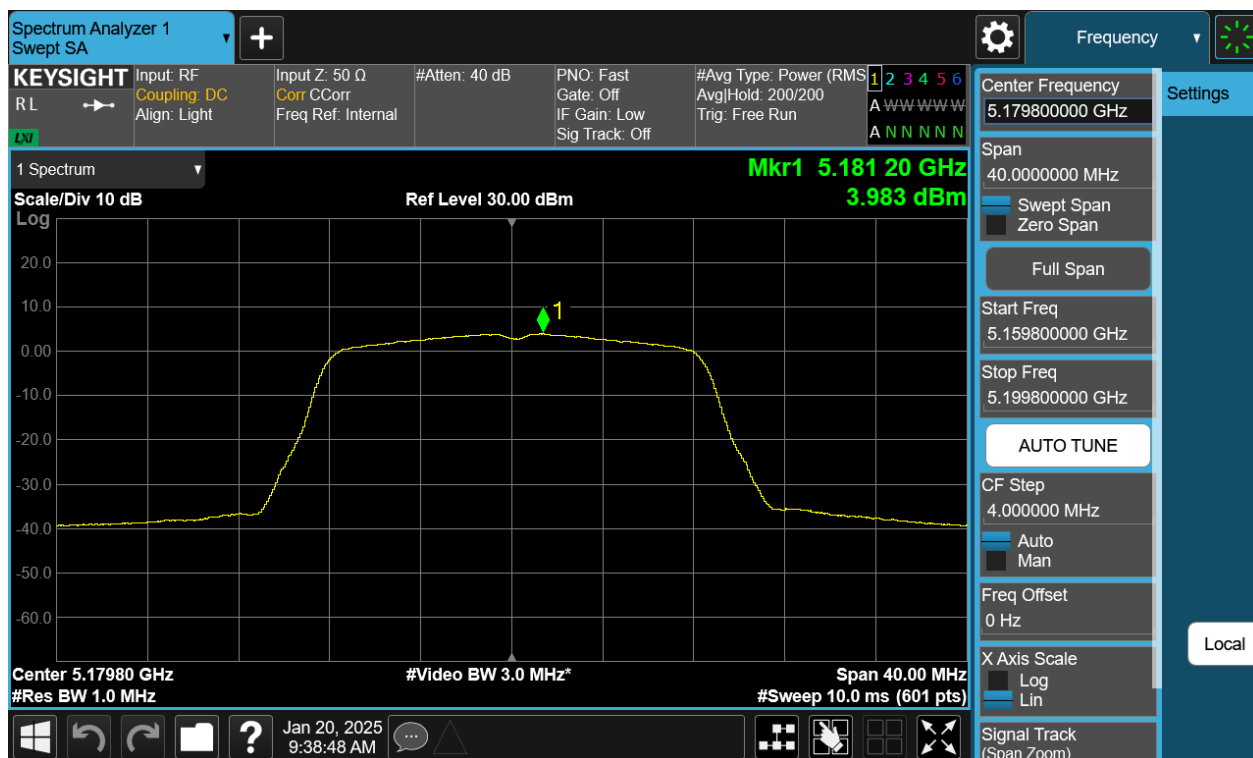


Annex A. RMS Power Spectral Density (PSD)

1. 802.11a_20M_Band1_L_ANT1

1.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

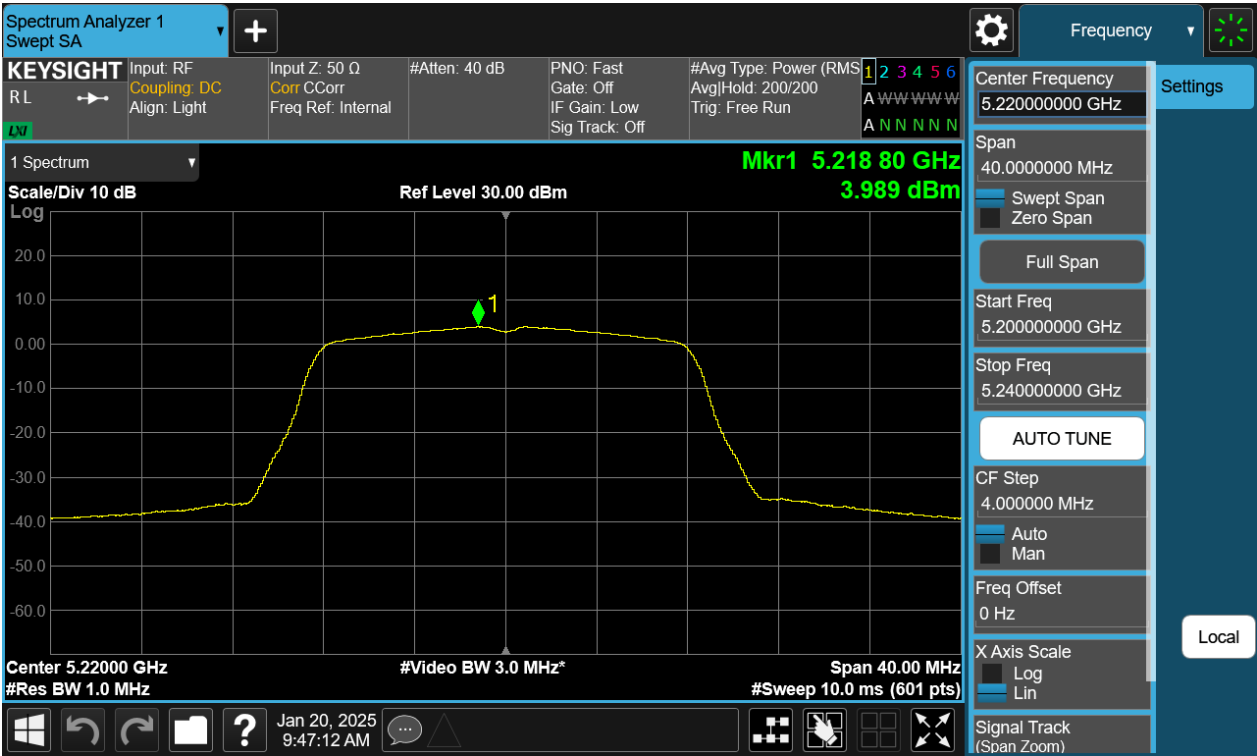
Frequency(MHz)	Level(dBm)
5181.2	3.983



2. 802.11a_20M_Band1_M_ANT1

2.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

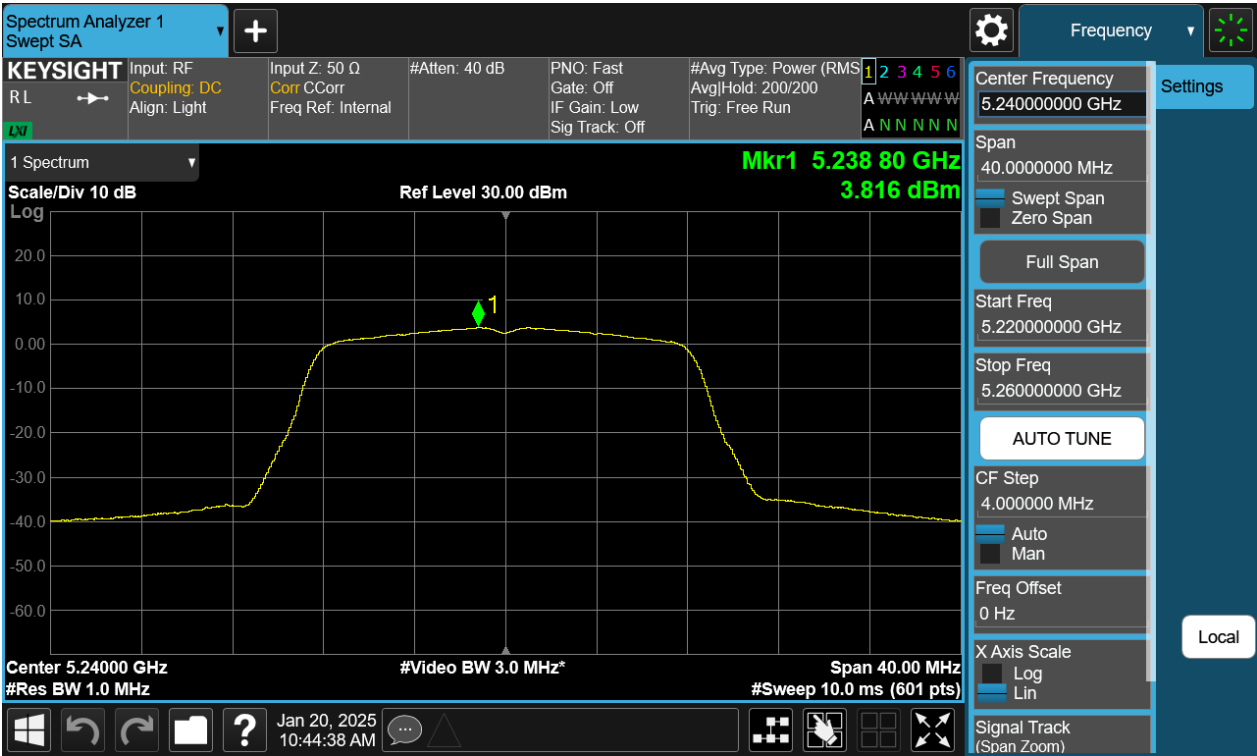
Frequency(MHz)	Level(dBm)
5218.8	3.989



3. 802.11a_20M_Band1_H_ANT1

3.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

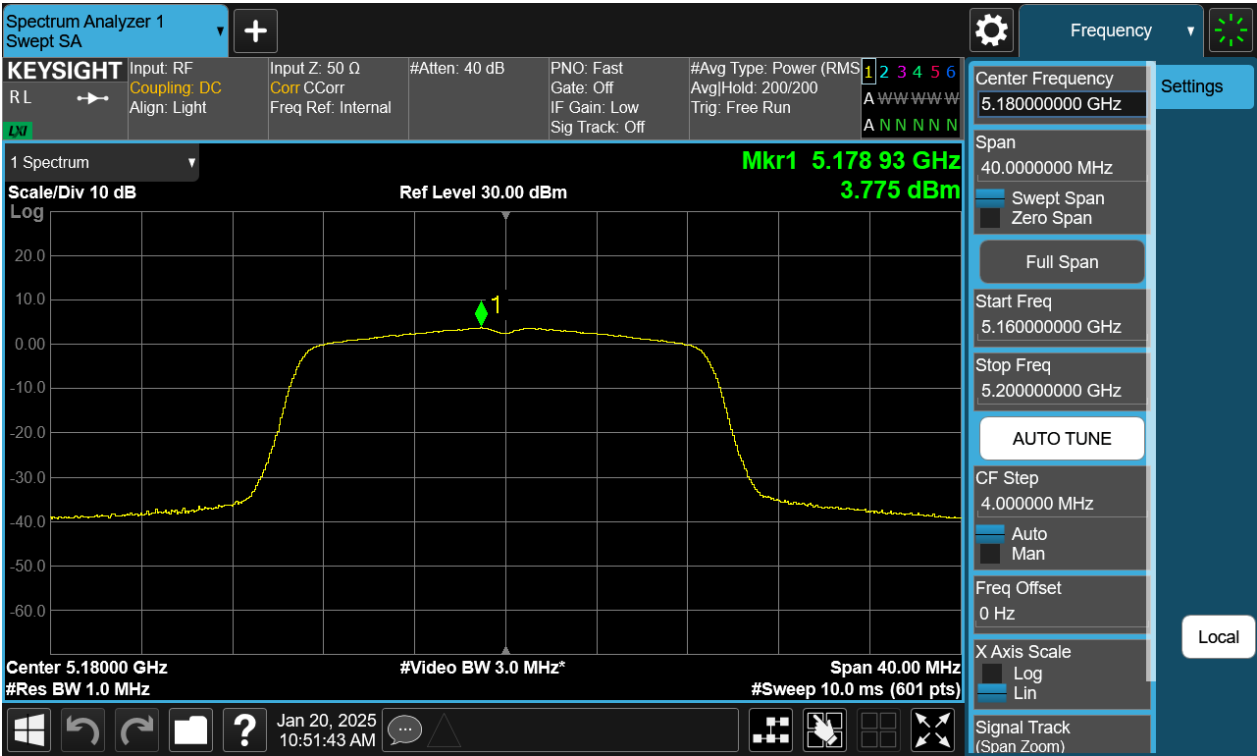
Frequency(MHz)	Level(dBm)
5238.8	3.816



4. 802.11n_20M_Band1_L_ANT1

4.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

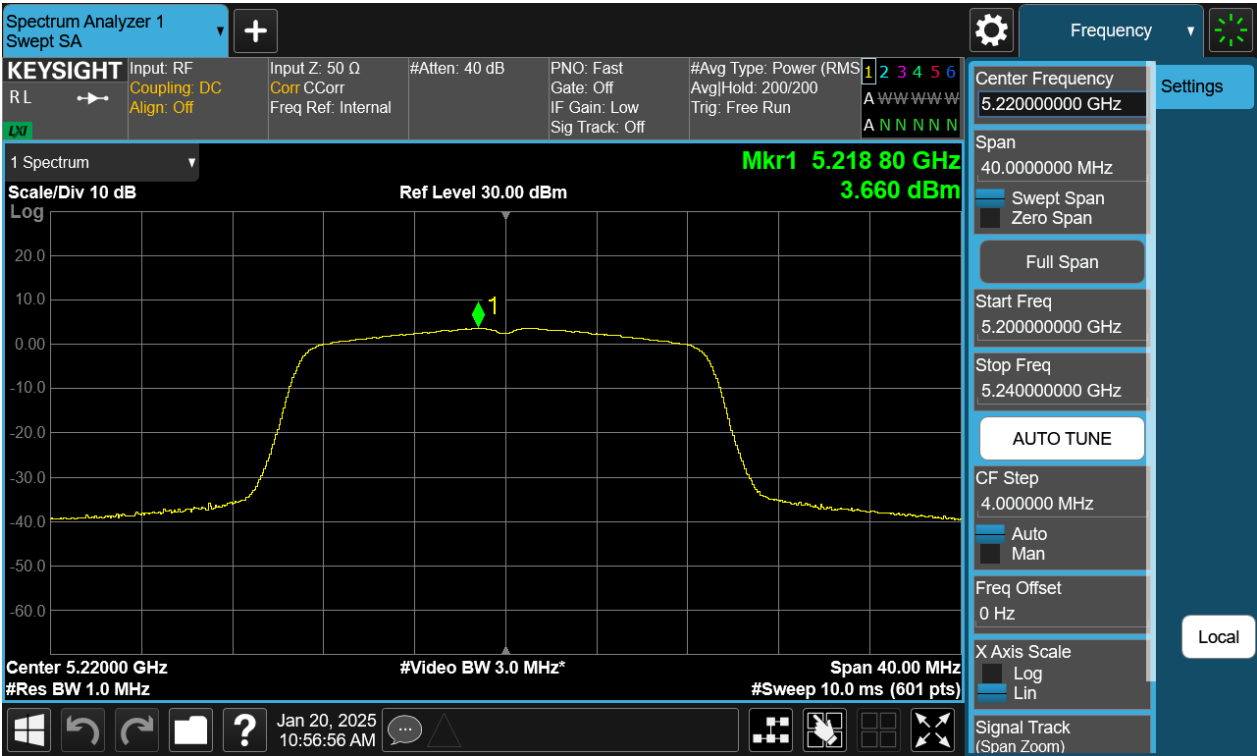
Frequency(MHz)	Level(dBm)
5178.933333	3.775



5. 802.11n_20M_Band1_M_ANT1

5.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

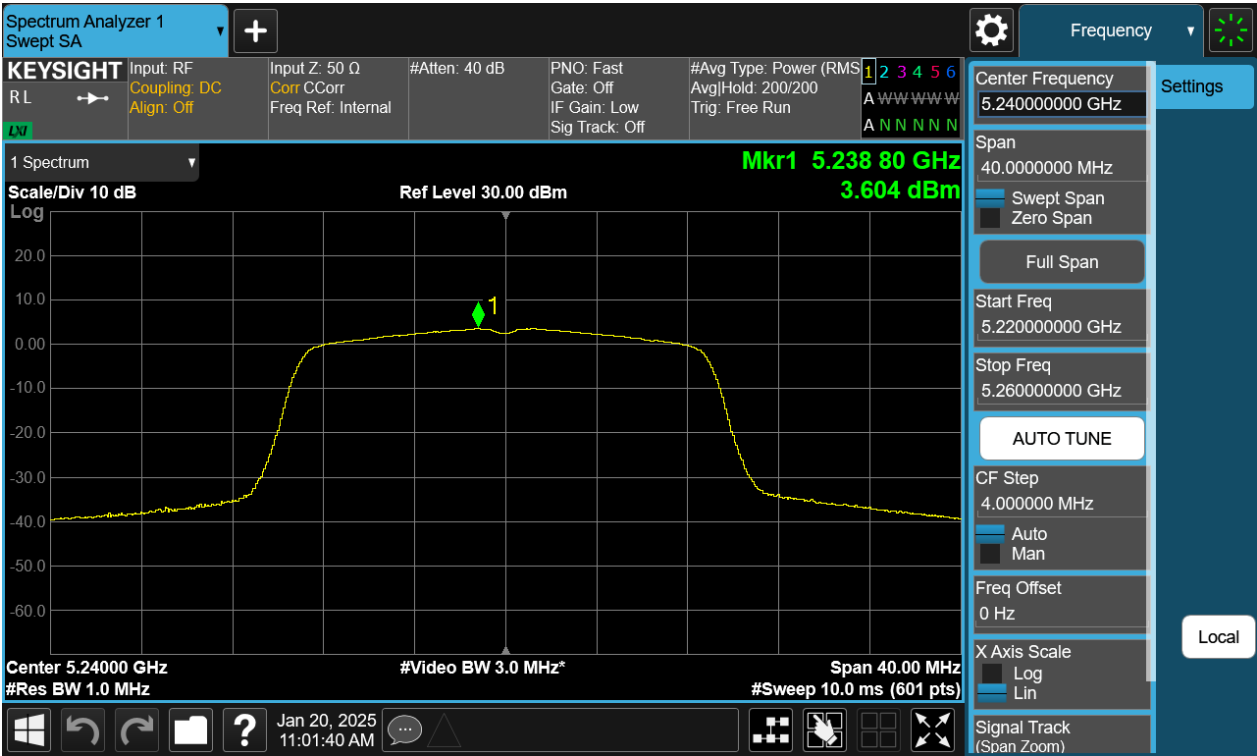
Frequency(MHz)	Level(dBm)
5218.8	3.66



6. 802.11n_20M_Band1_H_ANT1

6.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

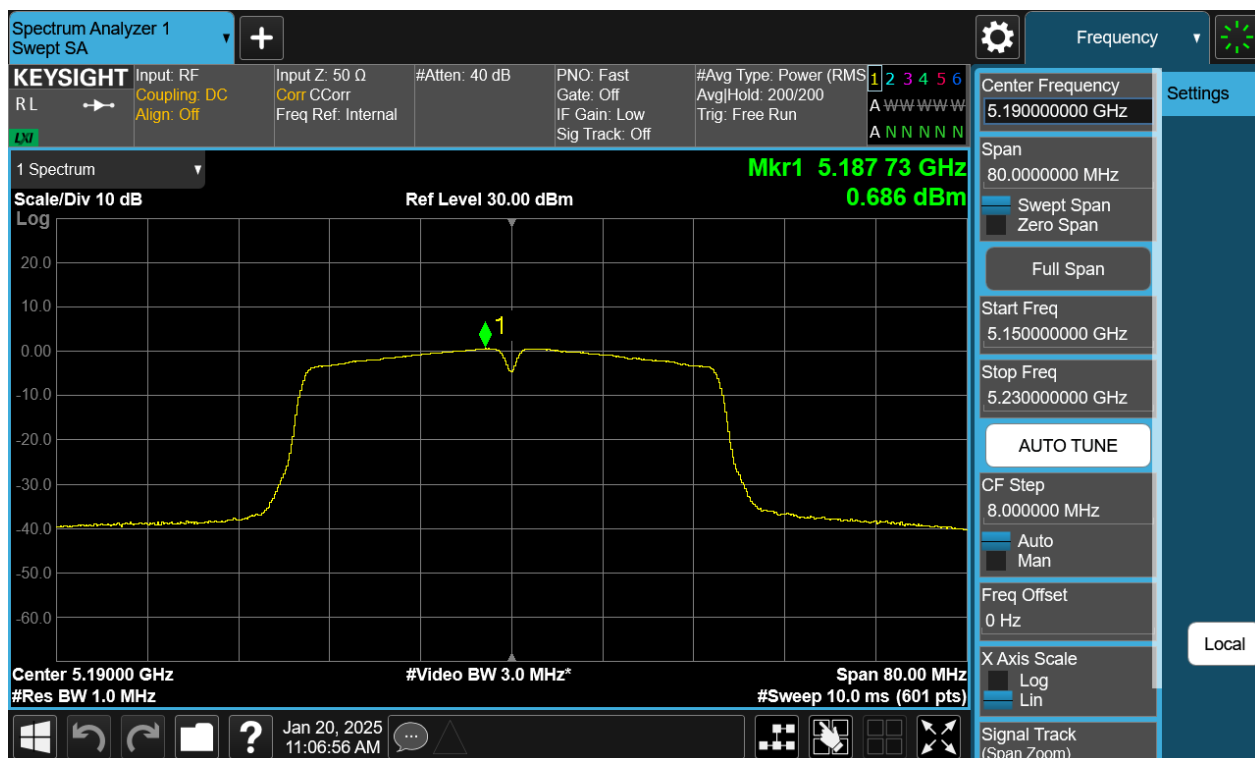
Frequency(MHz)	Level(dBm)
5238.8	3.604



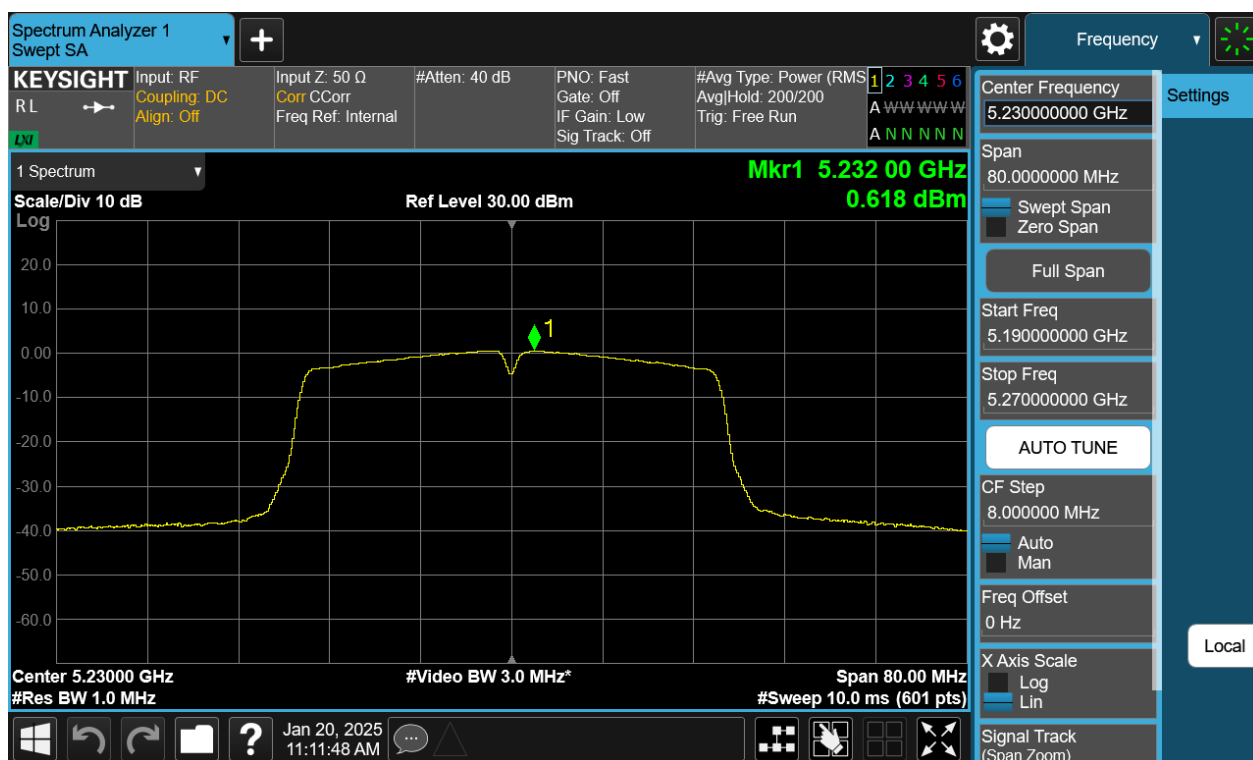
7. 802.11n_40M_Band1_L_ANT1

7.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Frequency(MHz)	Level(dBm)
5187.733333	0.686



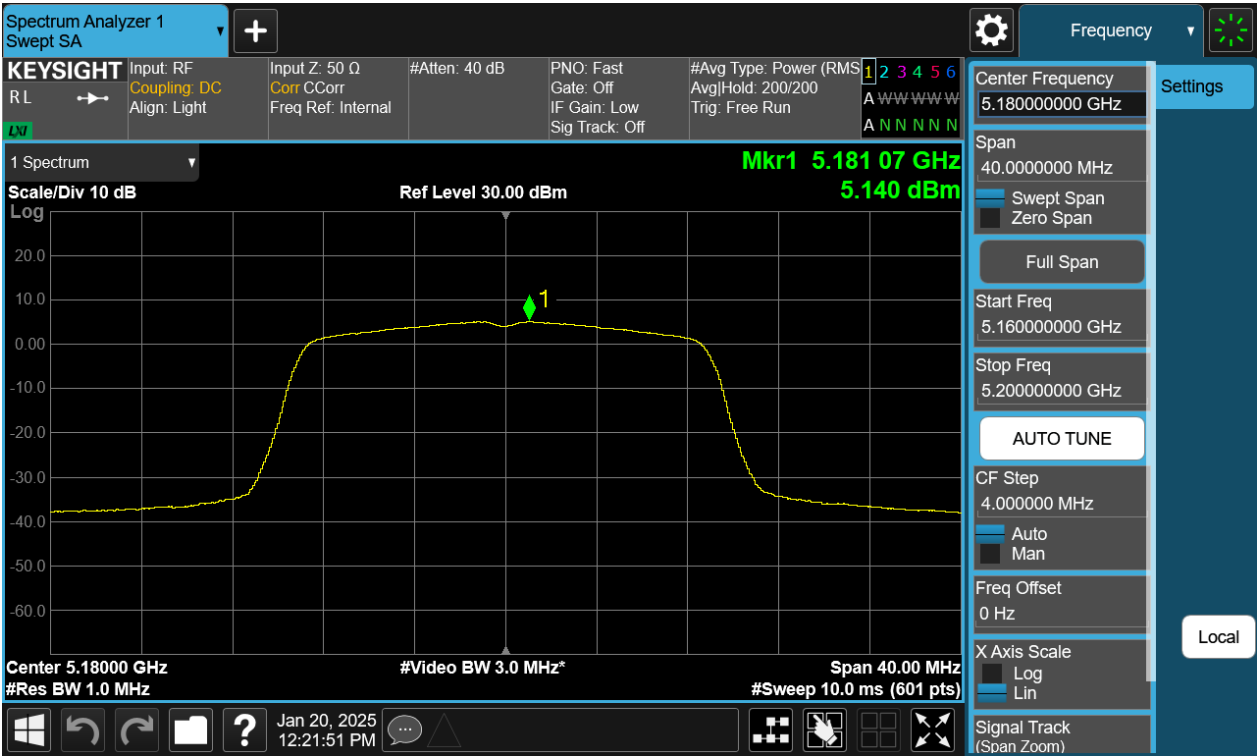
8.1 A.4-RMS Power Spectral Density (PSD)(NTNV)



9. 802.11ac_20M_Band1_L_ANT1

9.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

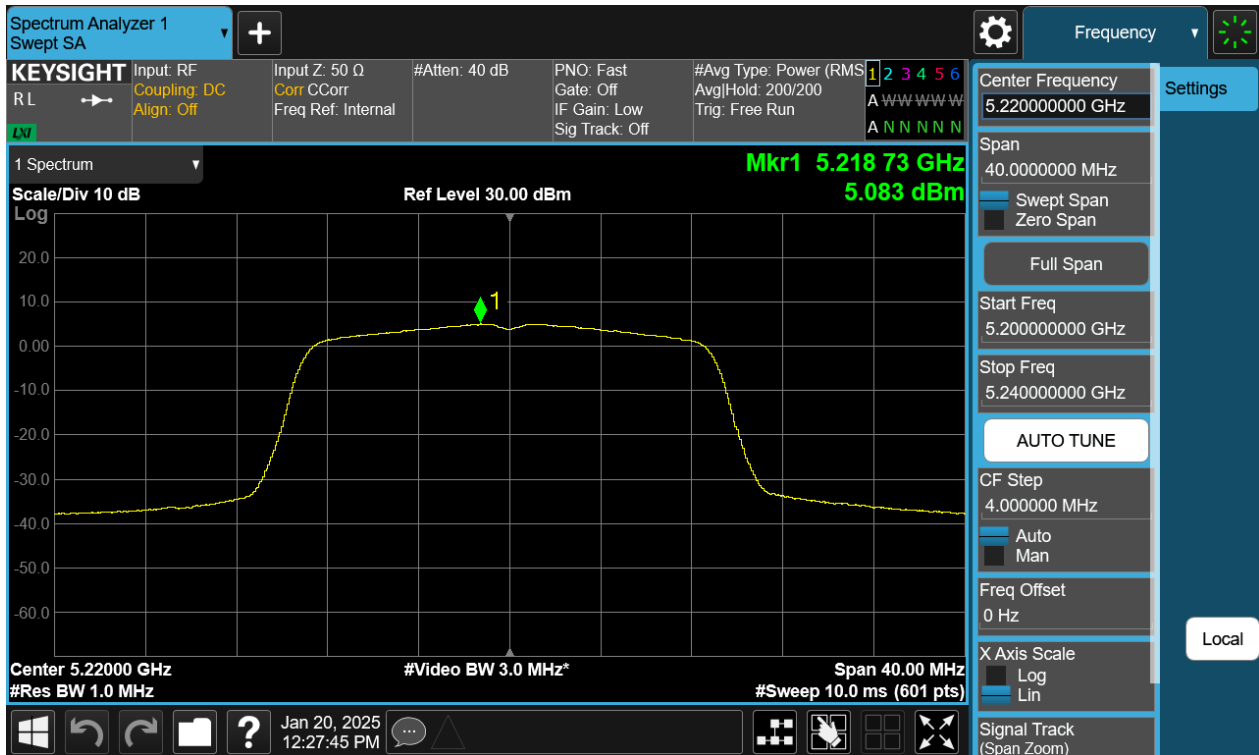
Frequency(MHz)	Level(dBm)
5181.066667	5.14



10. 802.11ac_20M_Band1_M_ANT1

10.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

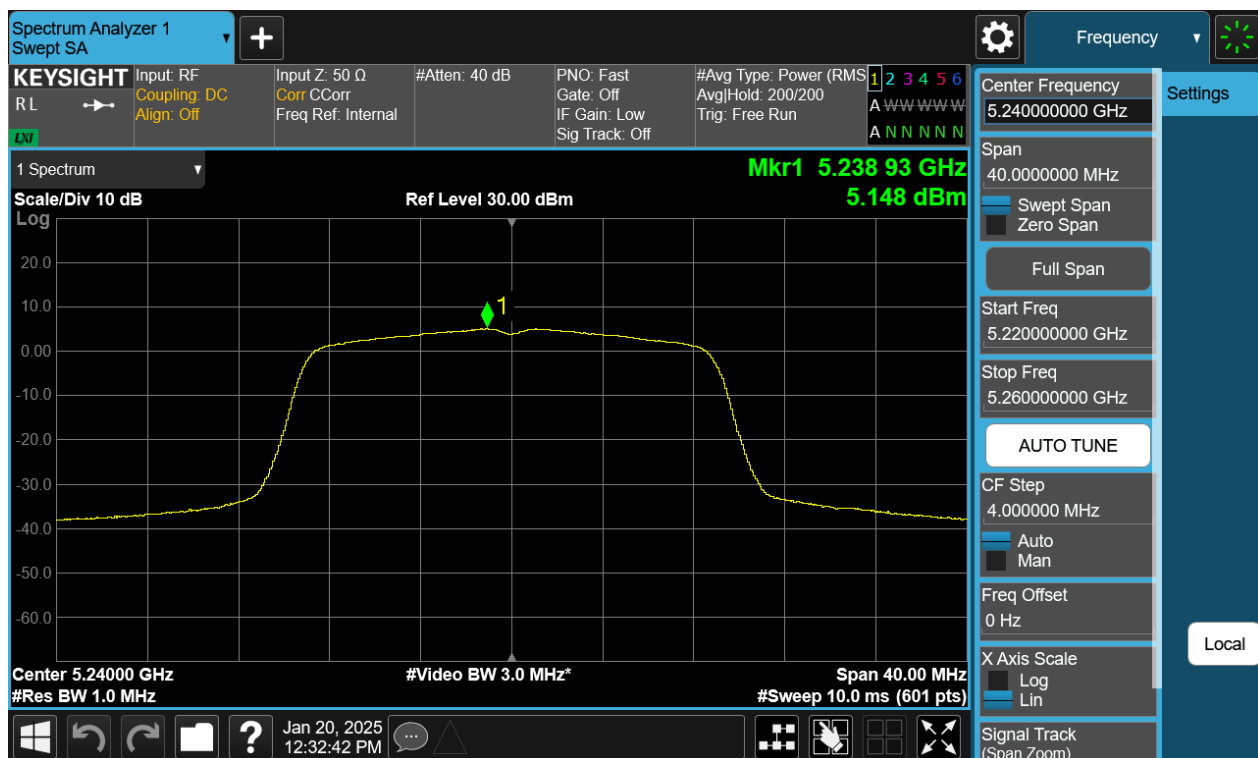
Frequency(MHz)	Level(dBm)
5218.733333	5.083



11. 802.11ac_20M_Band1_H_ANT1

11.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

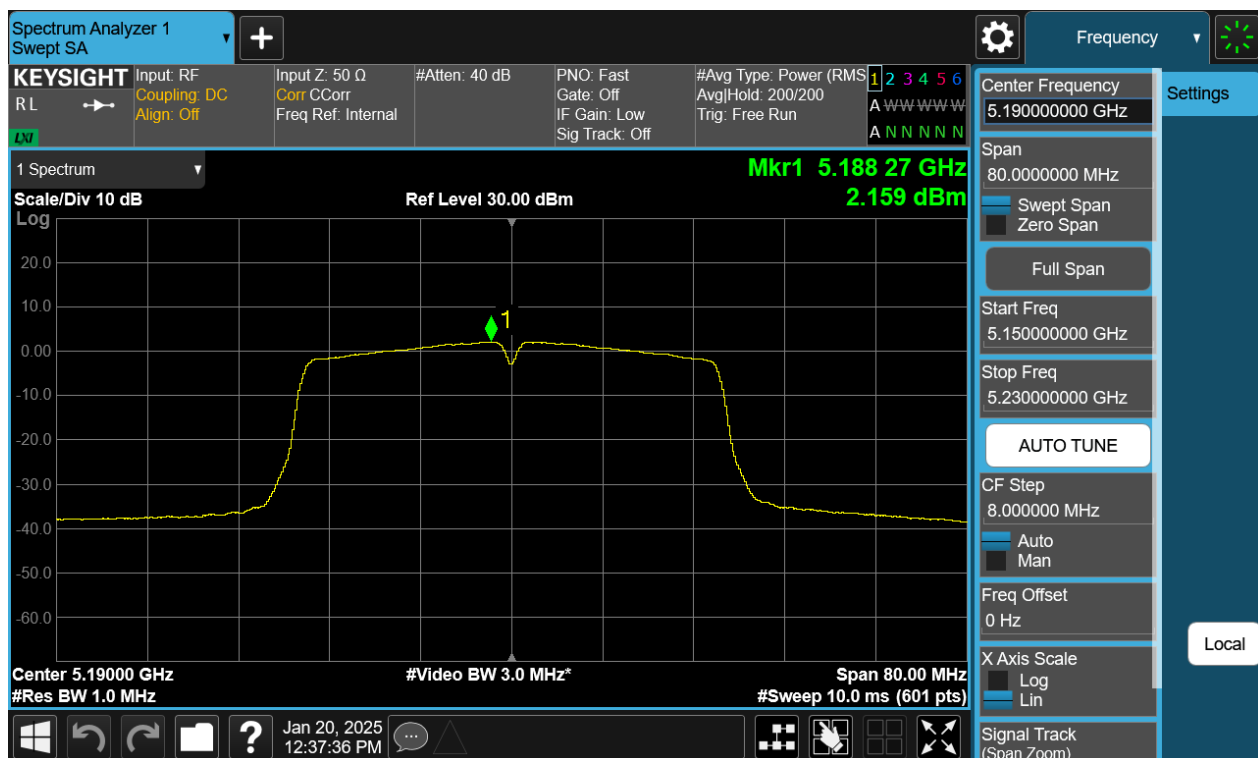
Frequency(MHz)	Level(dBm)
5238.933333	5.148



12. 802.11ac_40M_Band1_L_ANT1

12.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

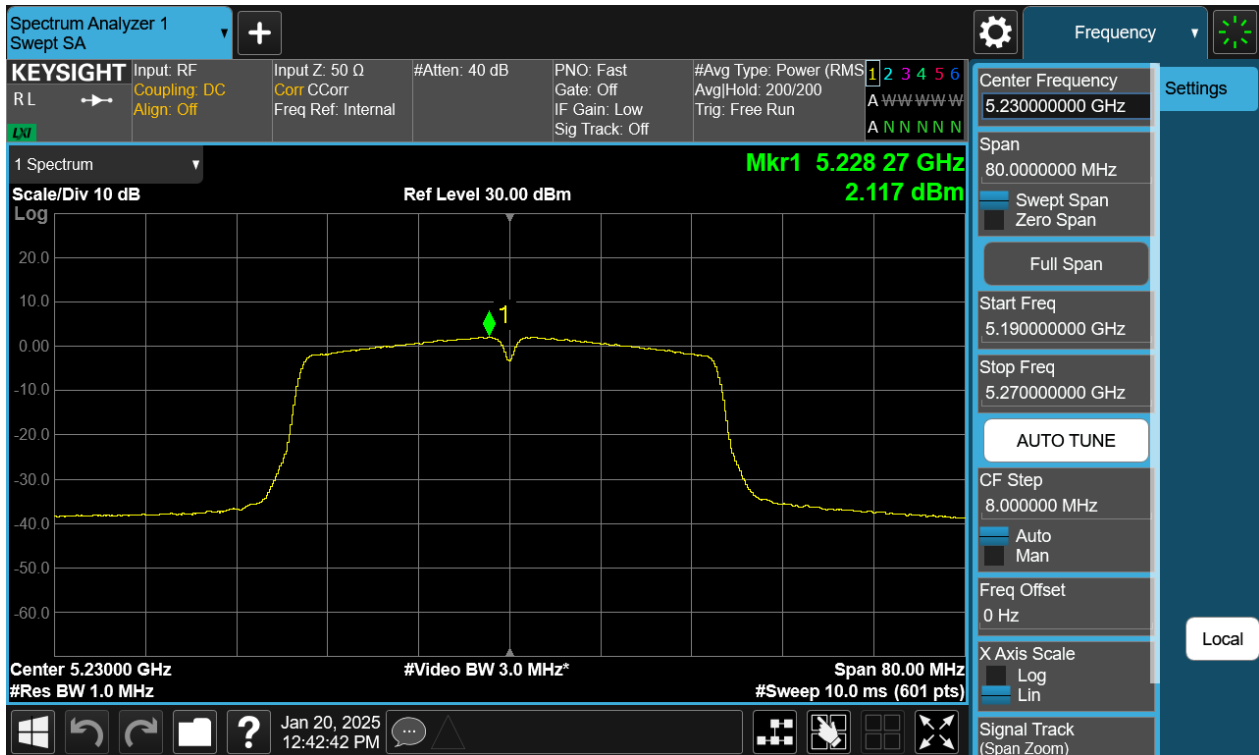
Frequency(MHz)	Level(dBm)
5188.266667	2.159



13. 802.11ac_40M_Band1_H_ANT1

13.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

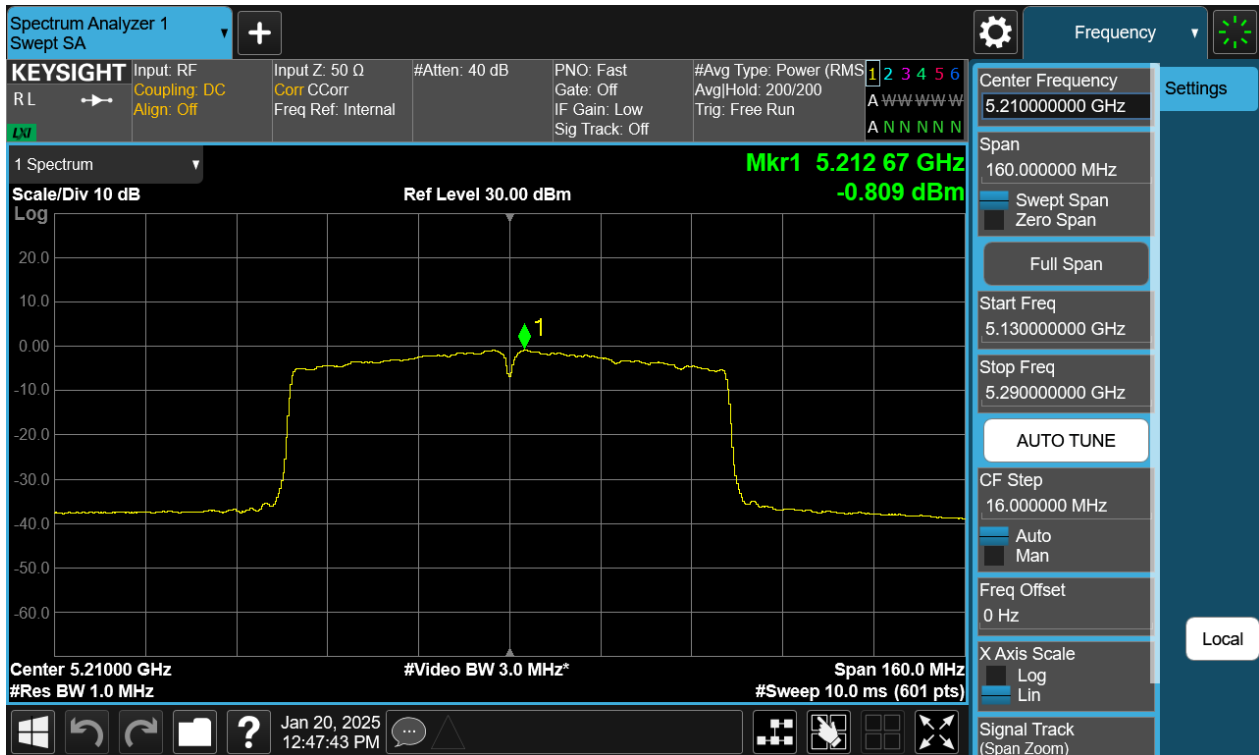
Frequency(MHz)	Level(dBm)
5228.266667	2.117



14. 802.11ac_80M_Band1_M_ANT1

14.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

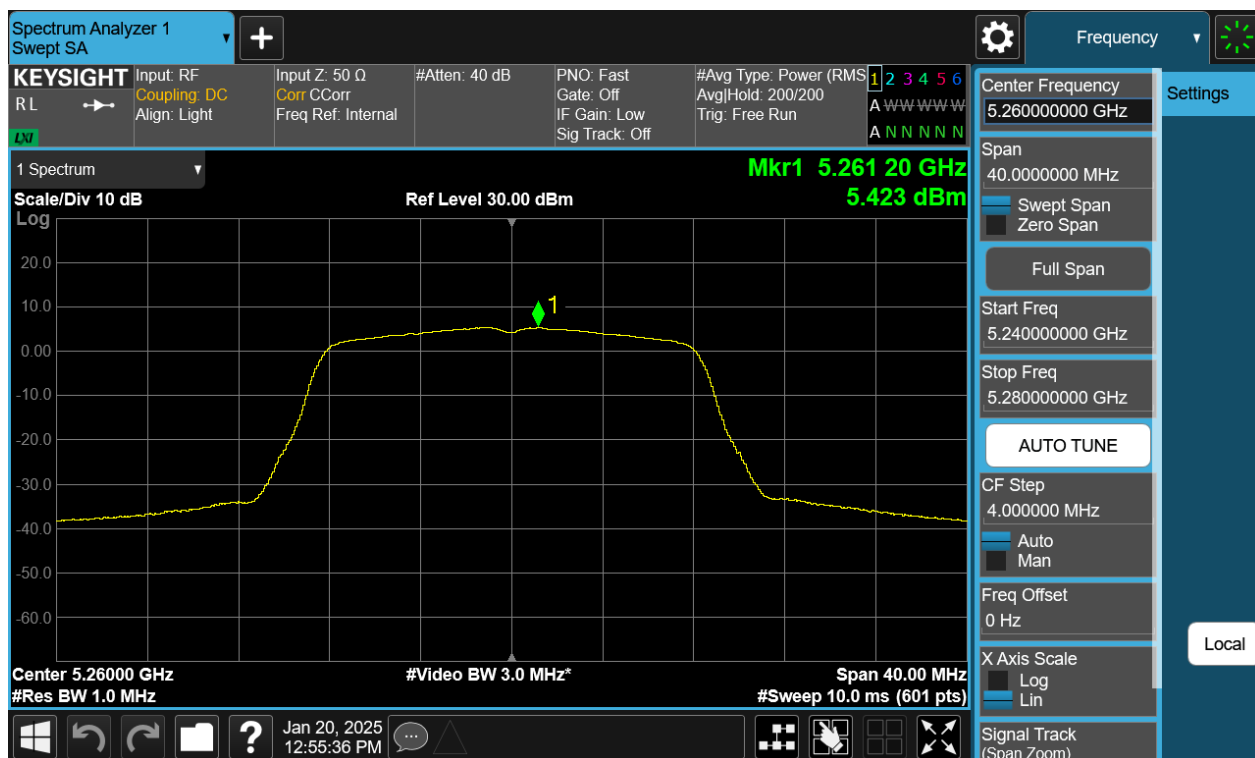
Frequency(MHz)	Level(dBm)
5212.666667	-0.809



15. 802.11a_20M_Band2_L_ANT1

15.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

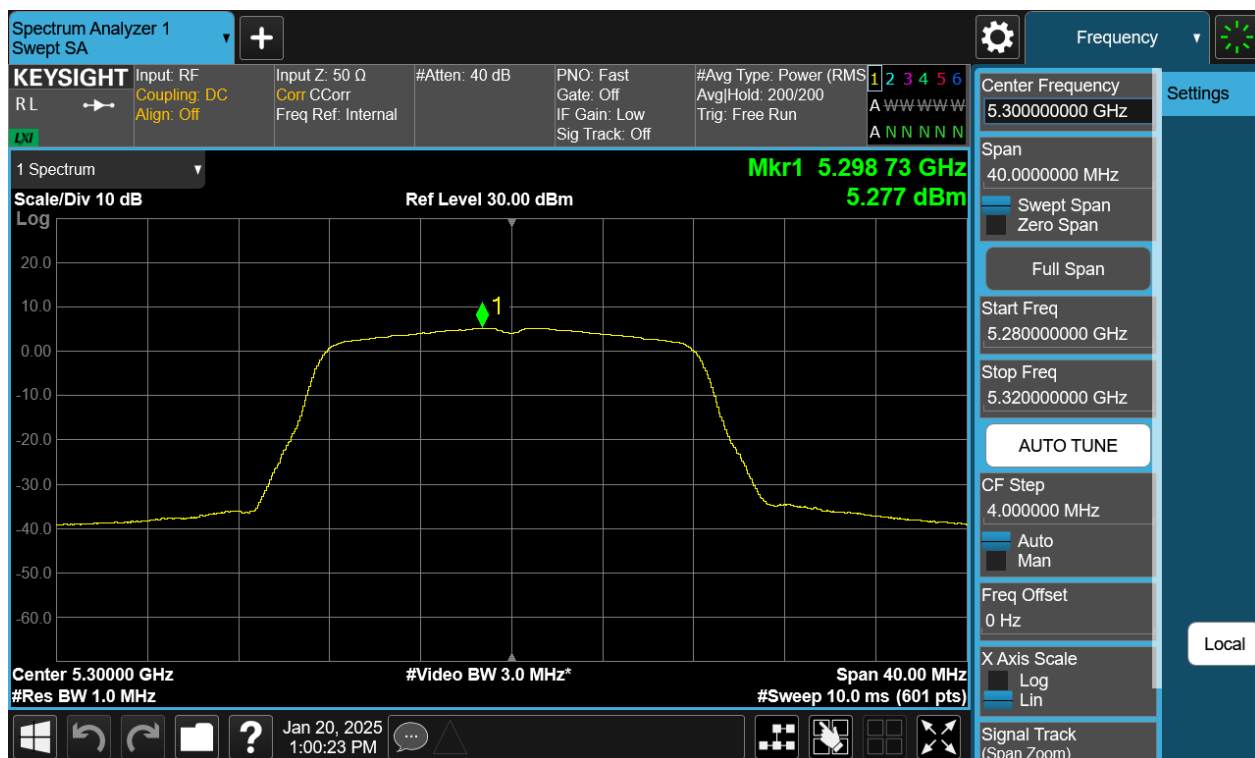
Frequency(MHz)	Level(dBm)
5261.2	5.423



16. 802.11a_20M_Band2_M_ANT1

16.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

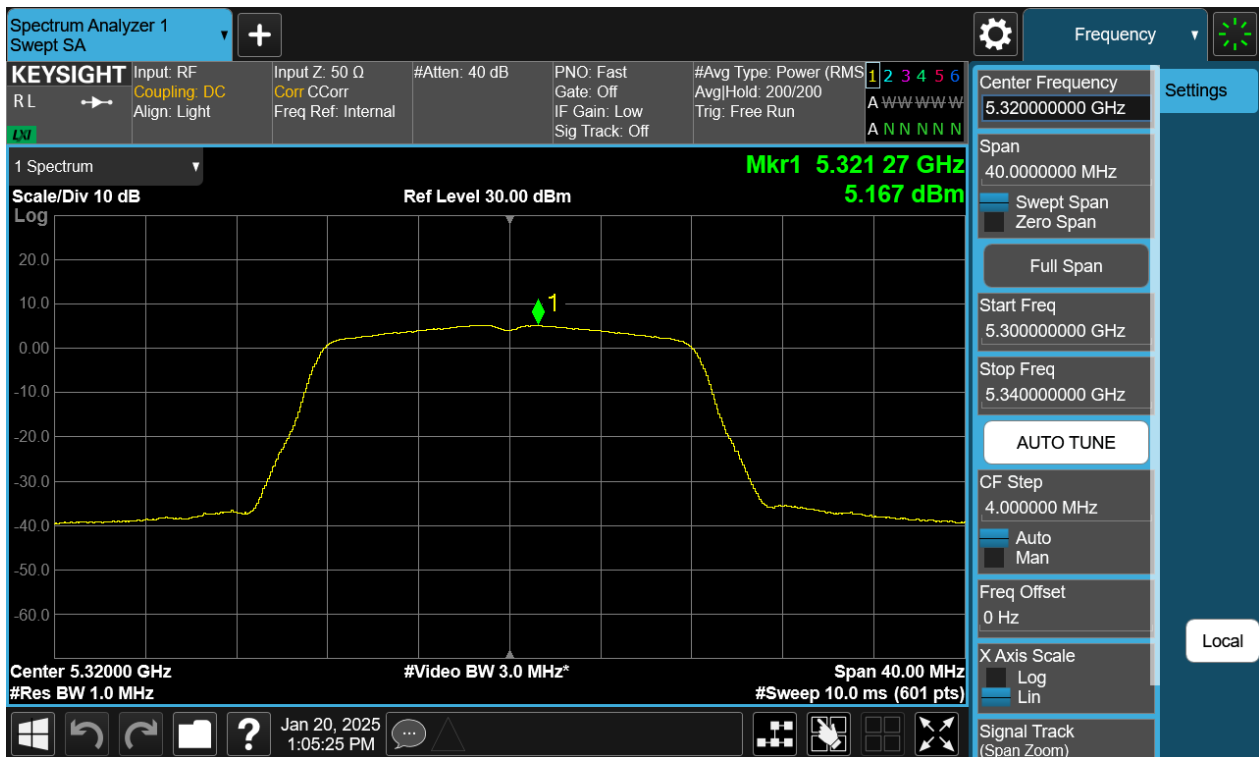
Frequency(MHz)	Level(dBm)
5298.733333	5.277



17. 802.11a_20M_Band2_H_ANT1

17.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

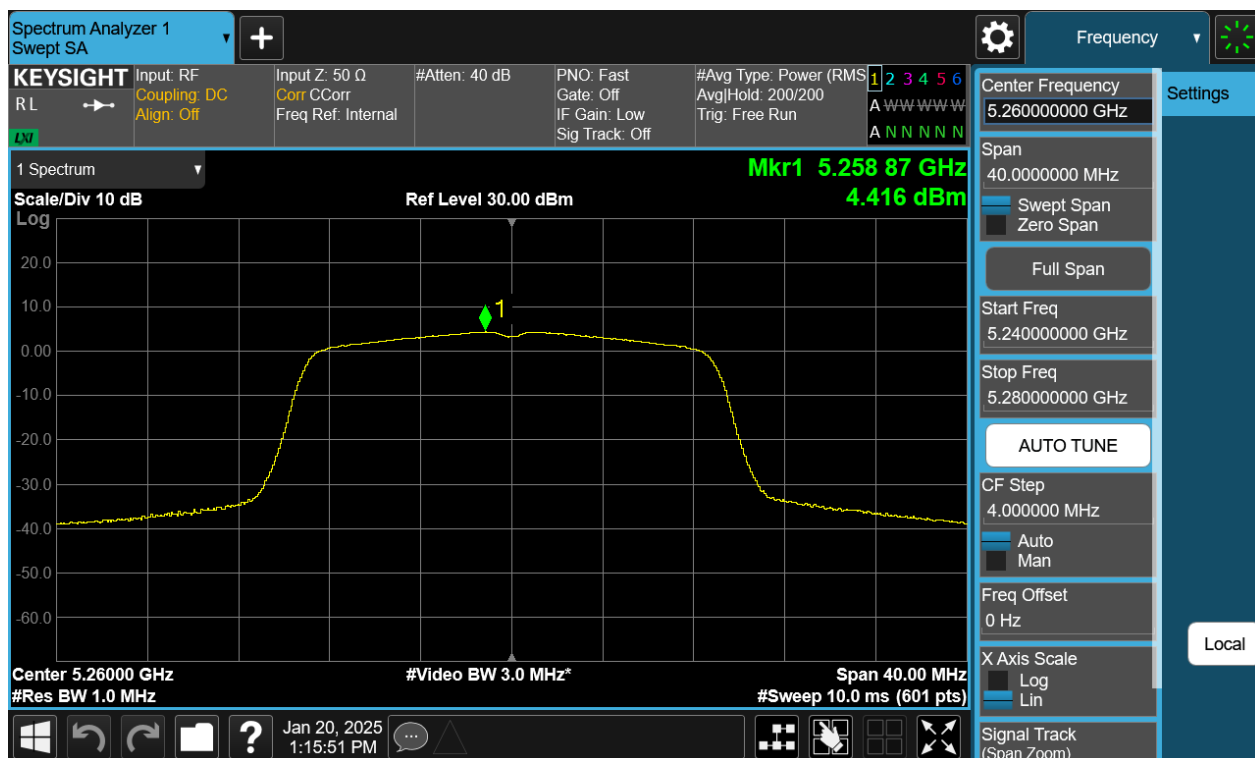
Frequency(MHz)	Level(dBm)
5321.266667	5.167



18. 802.11n_20M_Band2_L_ANT1

18.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

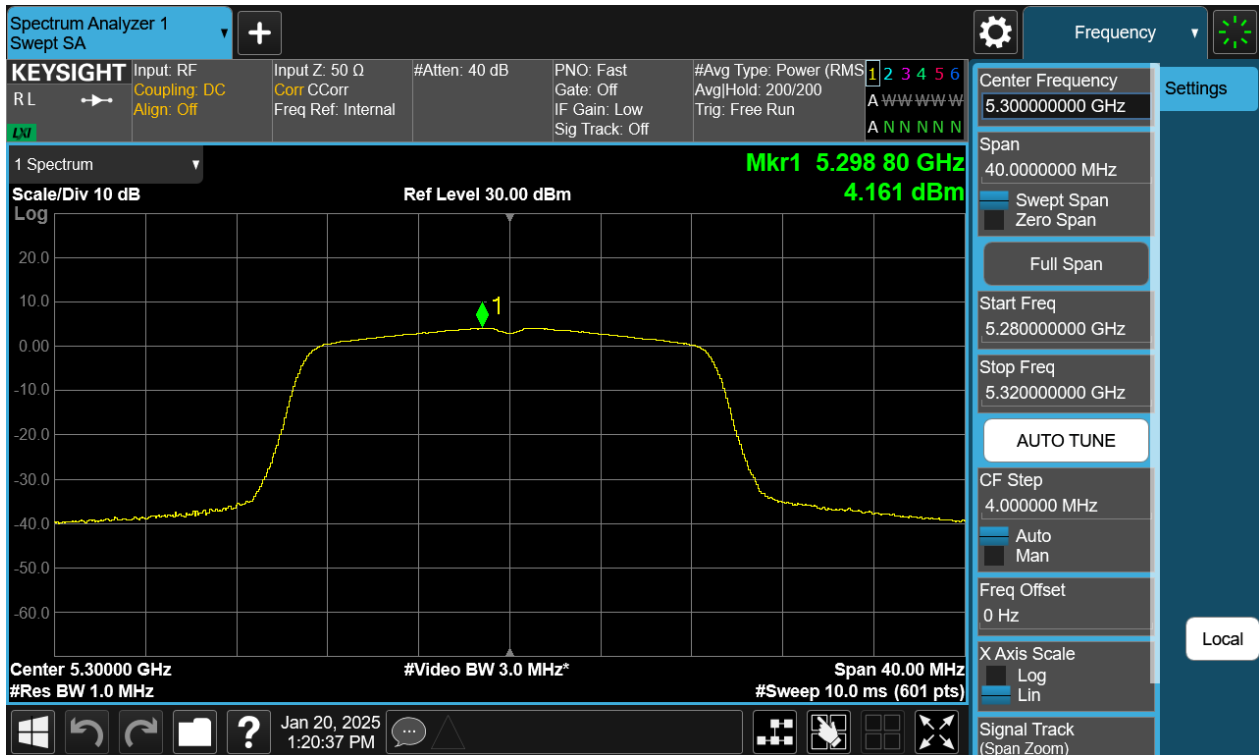
Frequency(MHz)	Level(dBm)
5258.866667	4.416



19. 802.11n_20M_Band2_M_ANT1

19.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

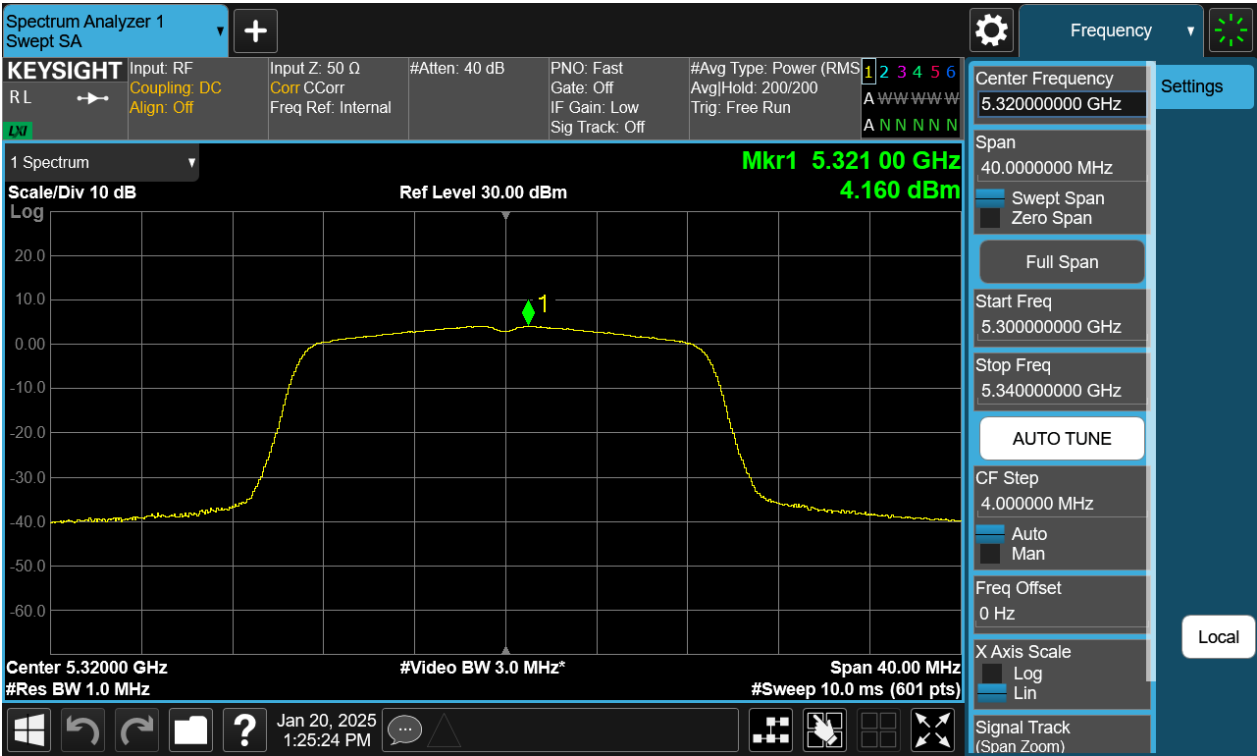
Frequency(MHz)	Level(dBm)
5298.8	4.161



20. 802.11n_20M_Band2_H_ANT1

20.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

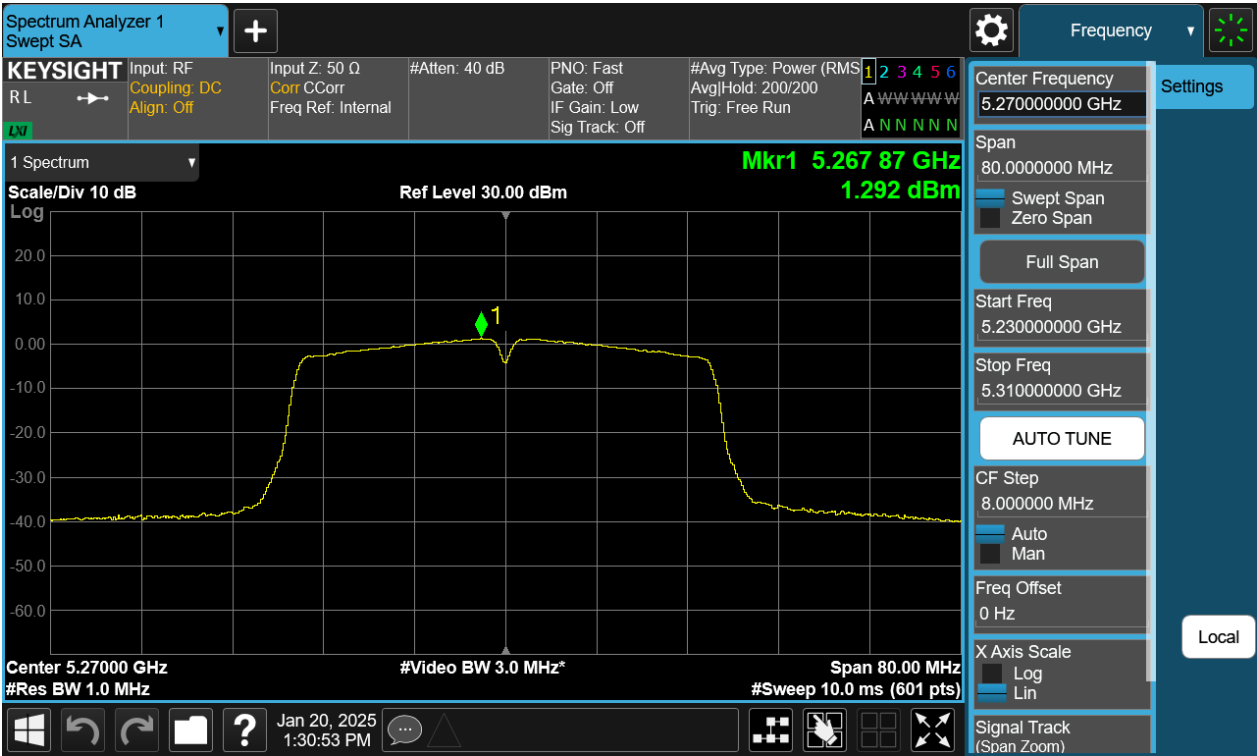
Frequency(MHz)	Level(dBm)
5321	4.16



21. 802.11n_40M_Band2_L_ANT1

21.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

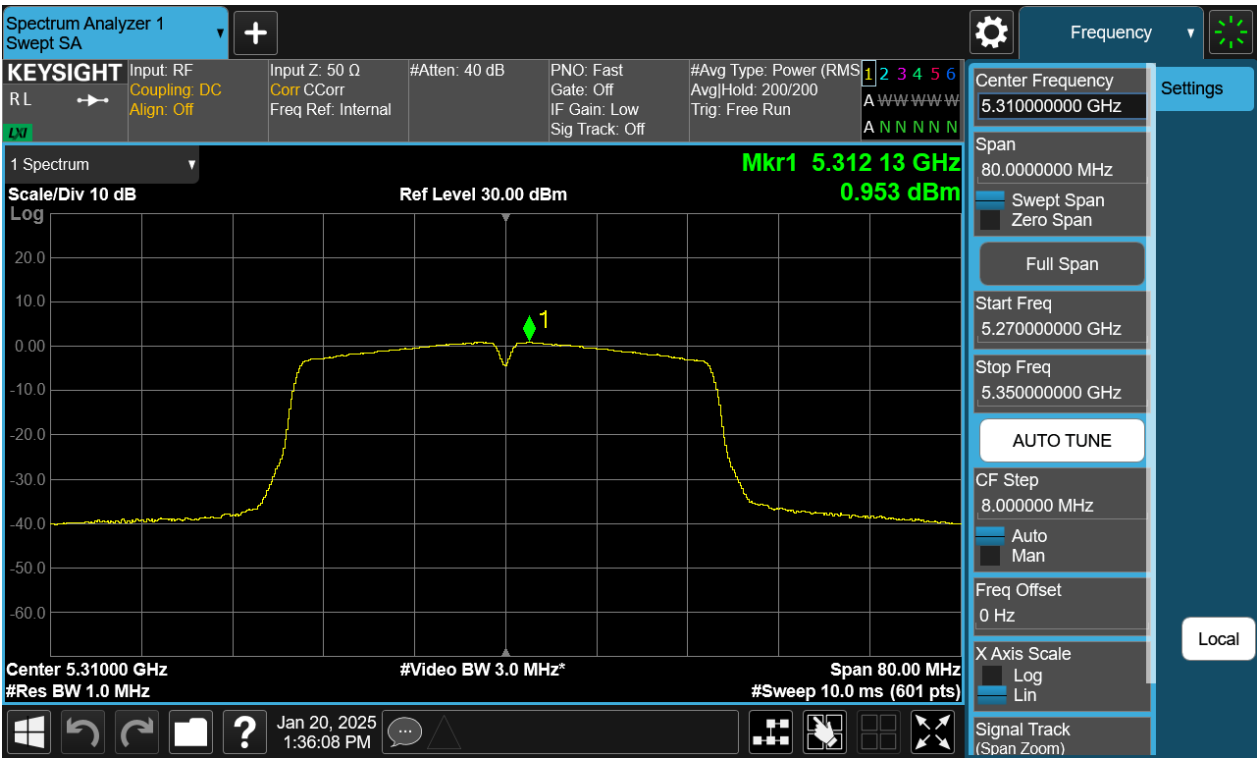
Frequency(MHz)	Level(dBm)
5267.866667	1.292



22. 802.11n_40M_Band2_H_ANT1

22.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

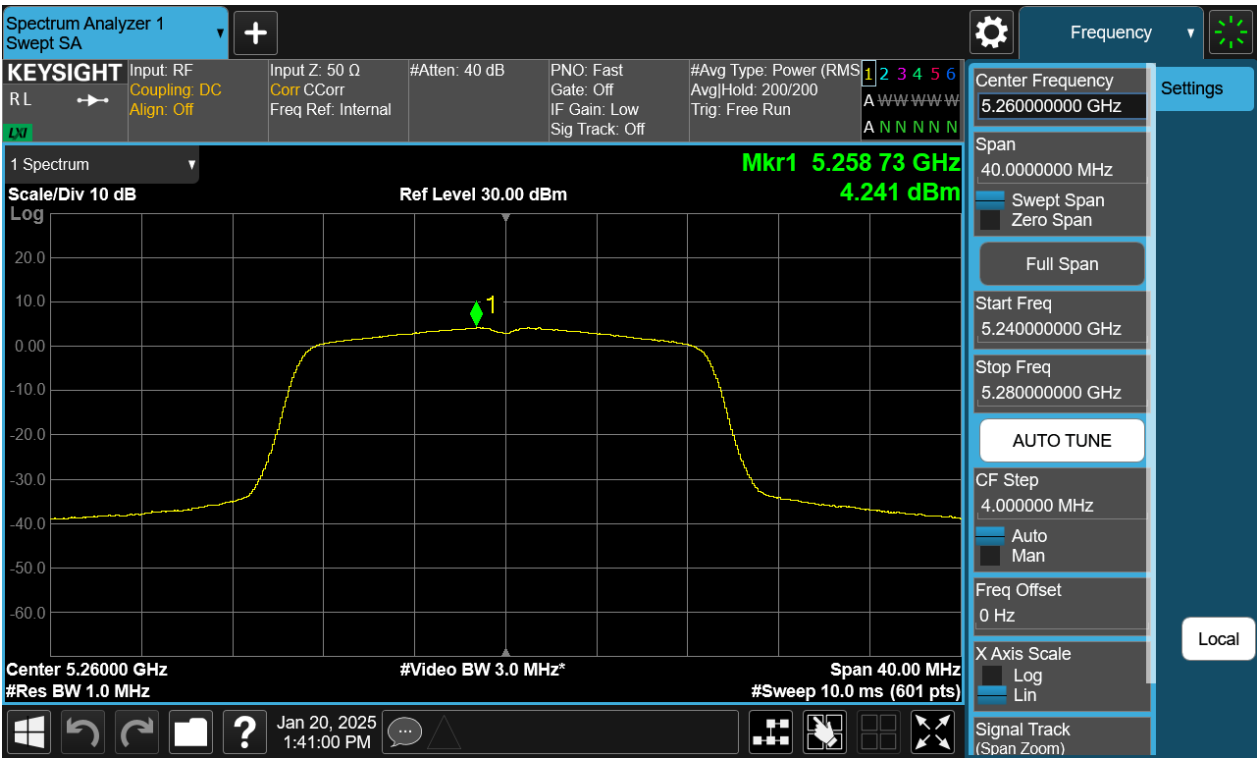
Frequency(MHz)	Level(dBm)
5312.133333	0.953



23. 802.11ac_20M_Band2_L_ANT1

23.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

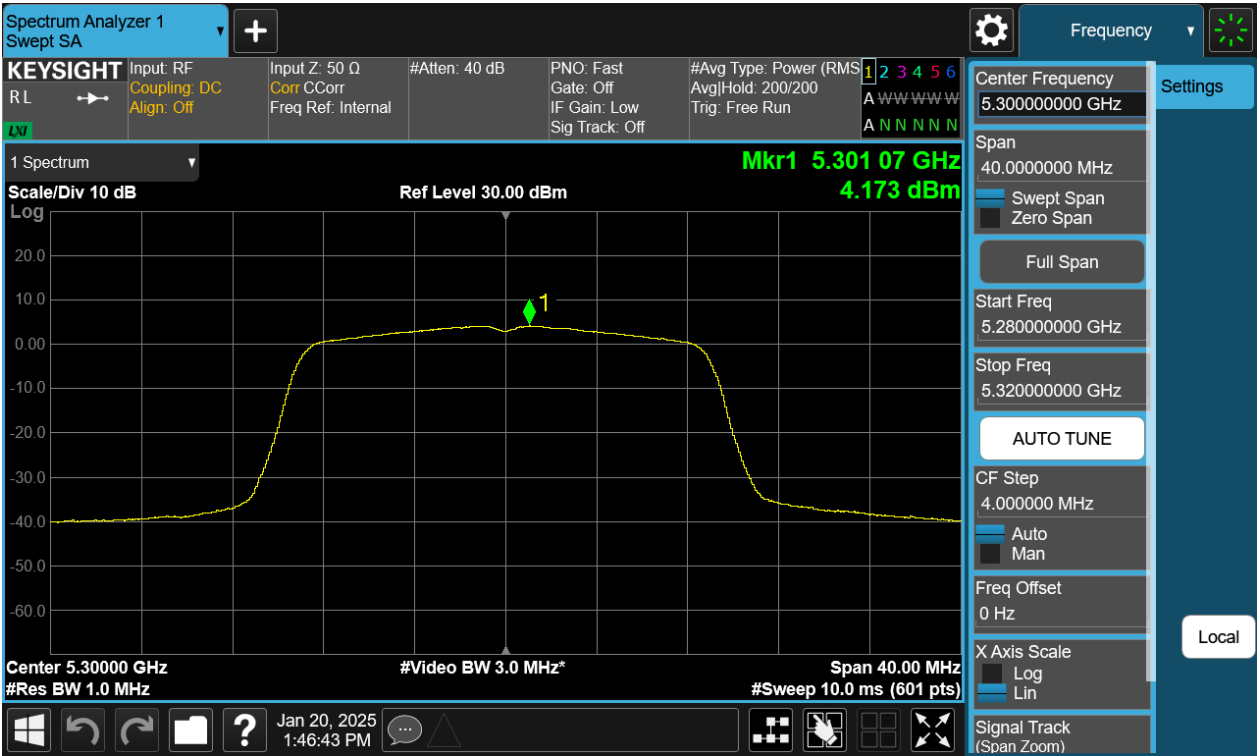
Frequency(MHz)	Level(dBm)
5258.733333	4.241



24. 802.11ac_20M_Band2_M_ANT1

24.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

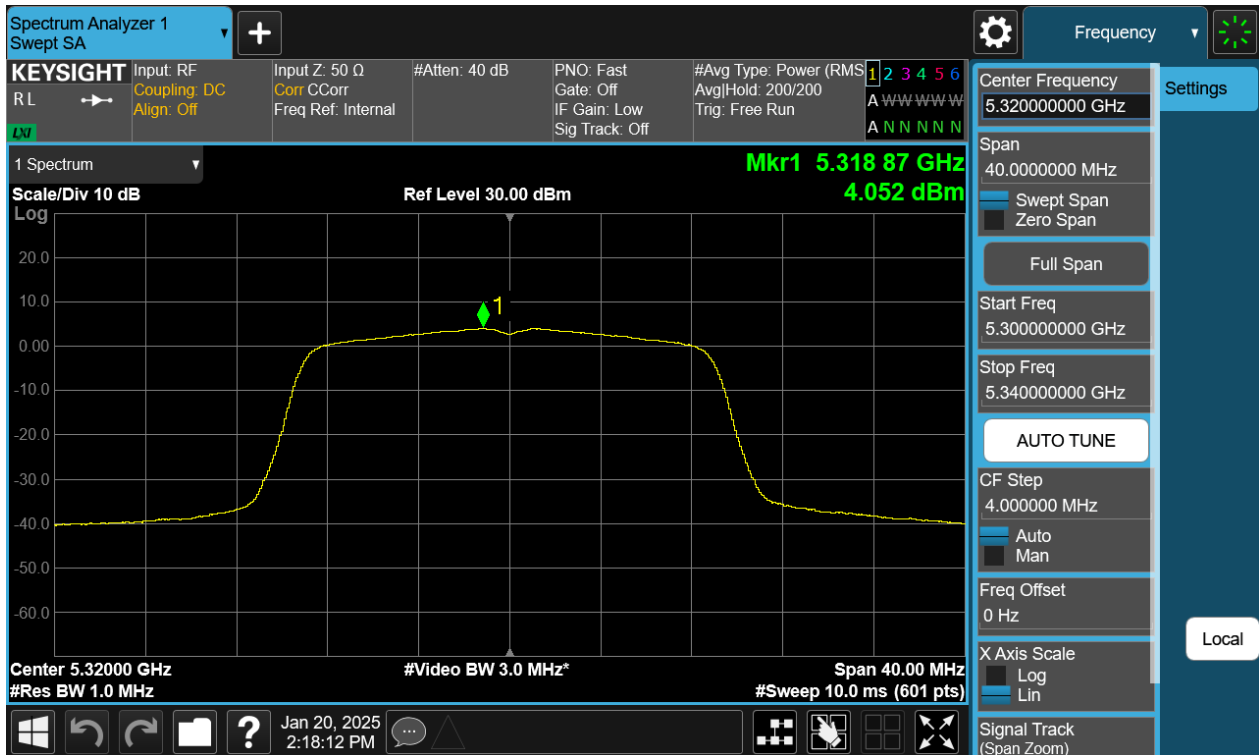
Frequency(MHz)	Level(dBm)
5301.066667	4.173



25. 802.11ac_20M_Band2_H_ANT1

25.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

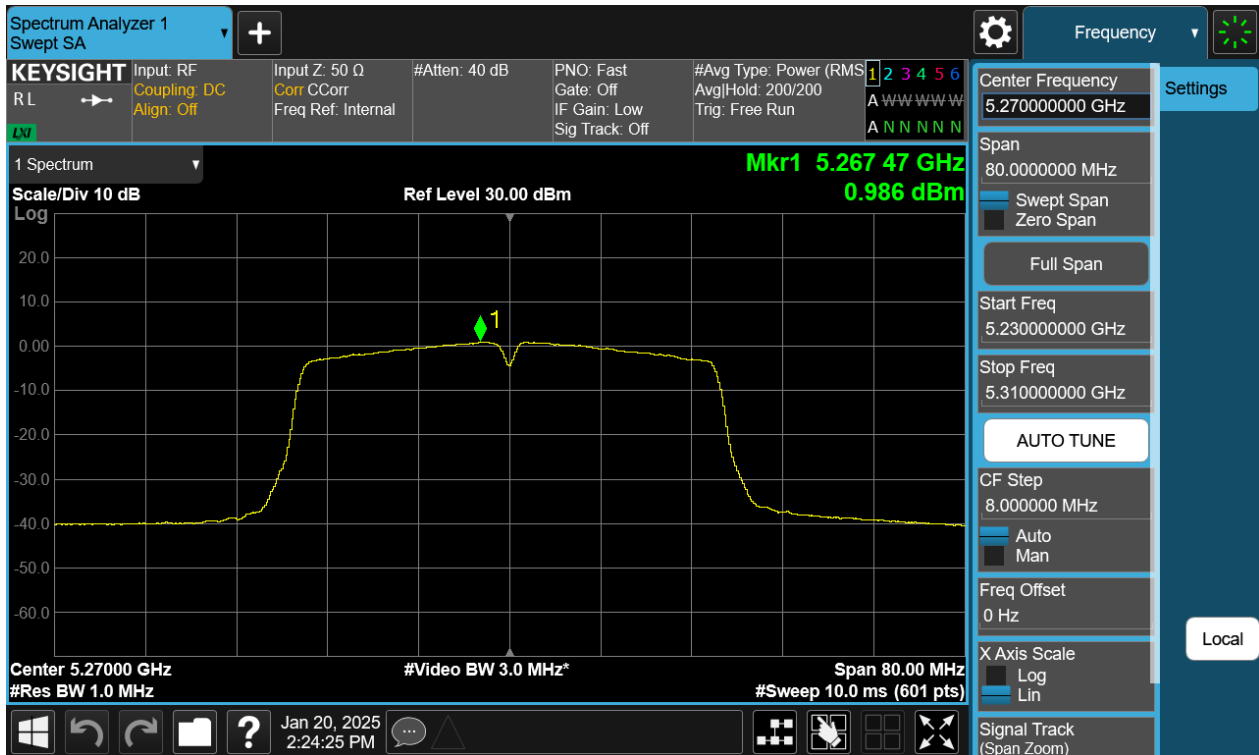
Frequency(MHz)	Level(dBm)
5318.866667	4.052



26. 802.11ac_40M_Band2_L_ANT1

26.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Frequency(MHz)	Level(dBm)
5267.466667	0.986



27.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
RL Coupling: DC
Align: Off

Input Z: 50 Ω
Corr CCorr
Freq Ref: Internal

#Atten: 40 dB

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Avg|Hold: 200/200
Trig: Free Run

1 2 3 4 5 6
A WWWWW
A N N N N N

1 Spectrum

Scale/Div 10 dB
Log

Ref Level 30.00 dBm

Mkr1 5.307 20 GHz
0.766 dBm

Center Frequency
5.310000000 GHz

Span
80.0000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
5.270000000 GHz

Stop Freq
5.350000000 GHz

AUTO TUNE

CF Step
8.000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

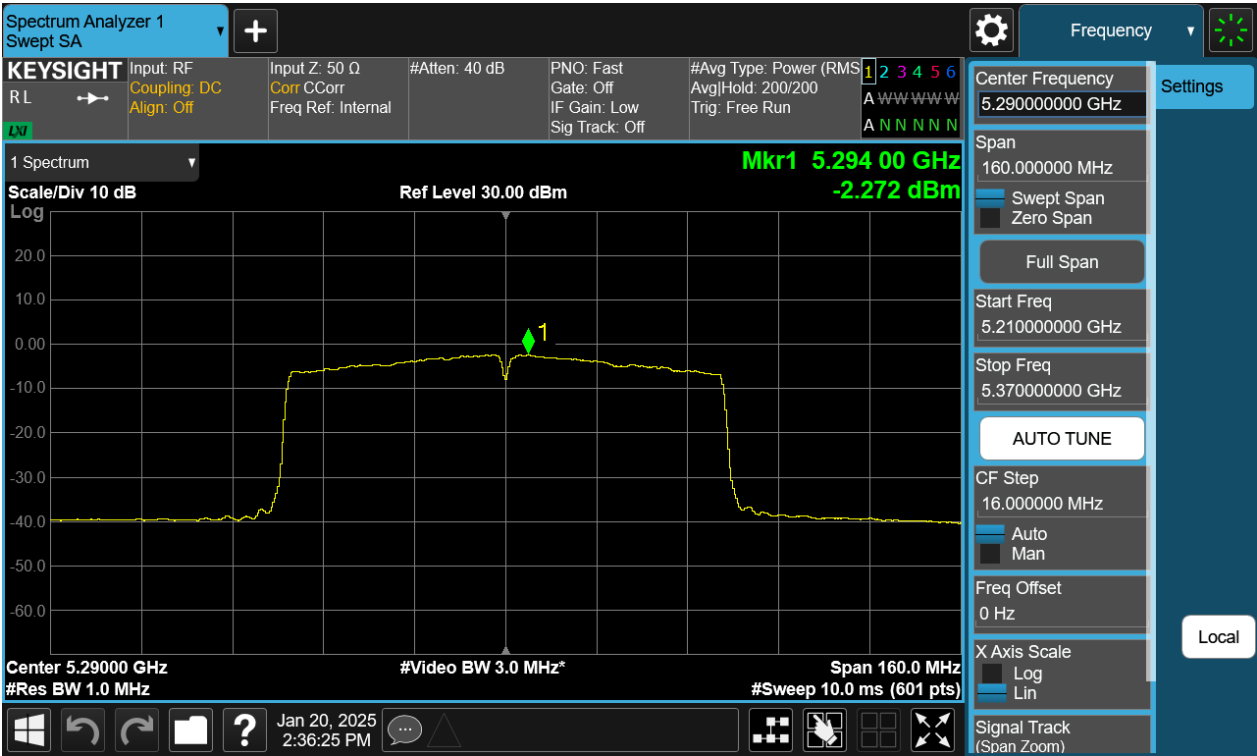
Center 5.31000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Span 80.00 MHz
#Sweep 10.0 ms (601 pts)

Jan 20, 2025
2:31:00 PM

28. 802.11ac_80M_Band2_M_ANT1

28.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

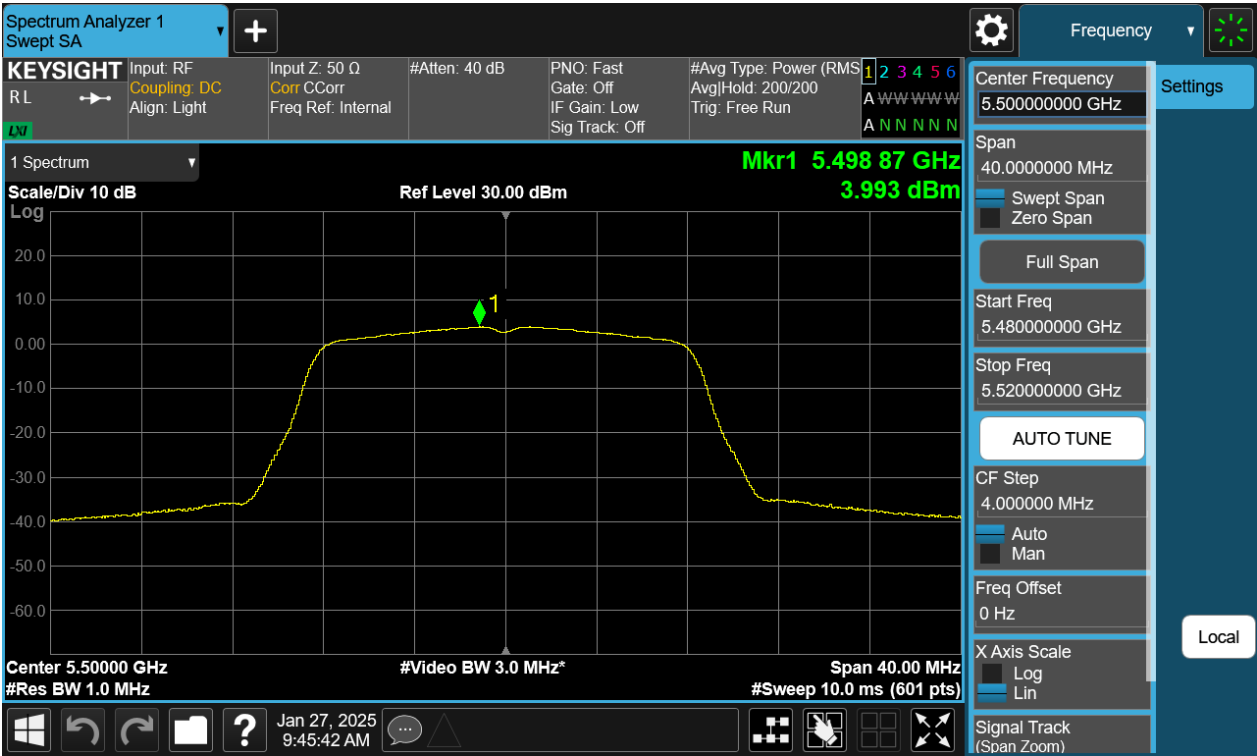
Frequency(MHz)	Level(dBm)
5294	-2.272



29. 802.11a_20M_Band3_L_ANT1

29.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

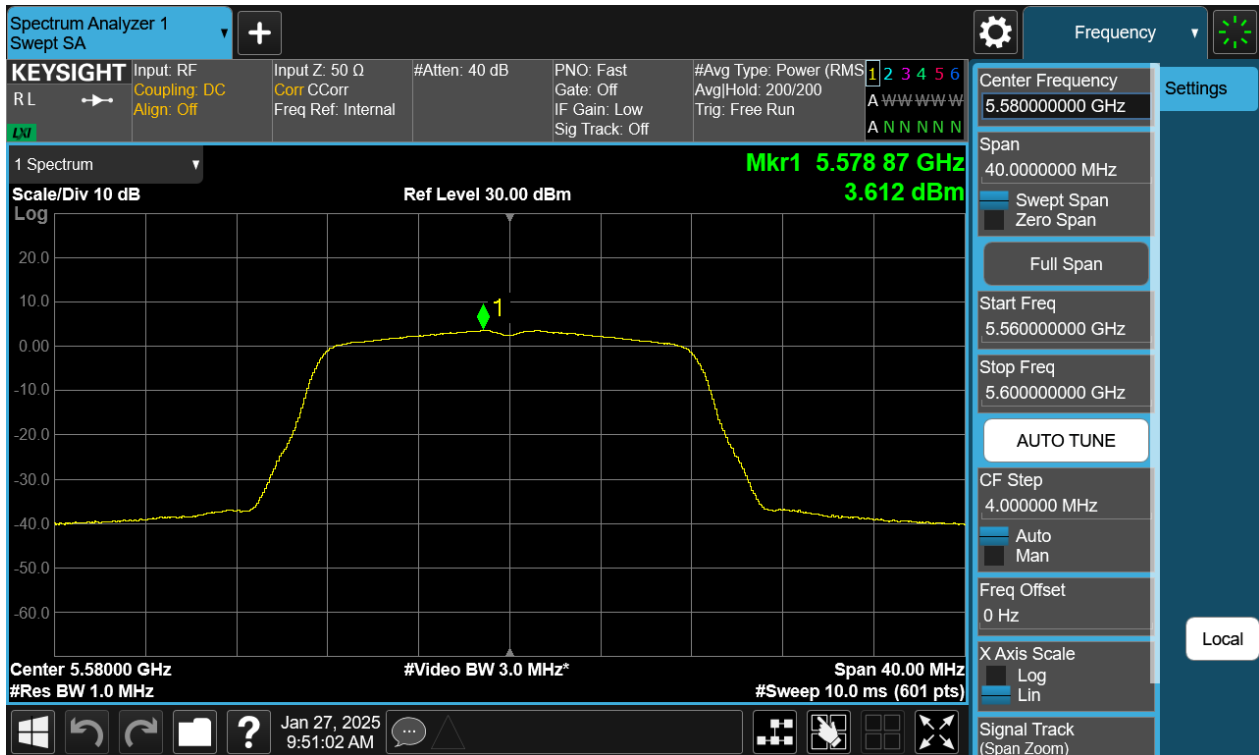
Frequency(MHz)	Level(dBm)
5498.866667	3.993



30. 802.11a_20M_Band3_M_ANT1

30.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

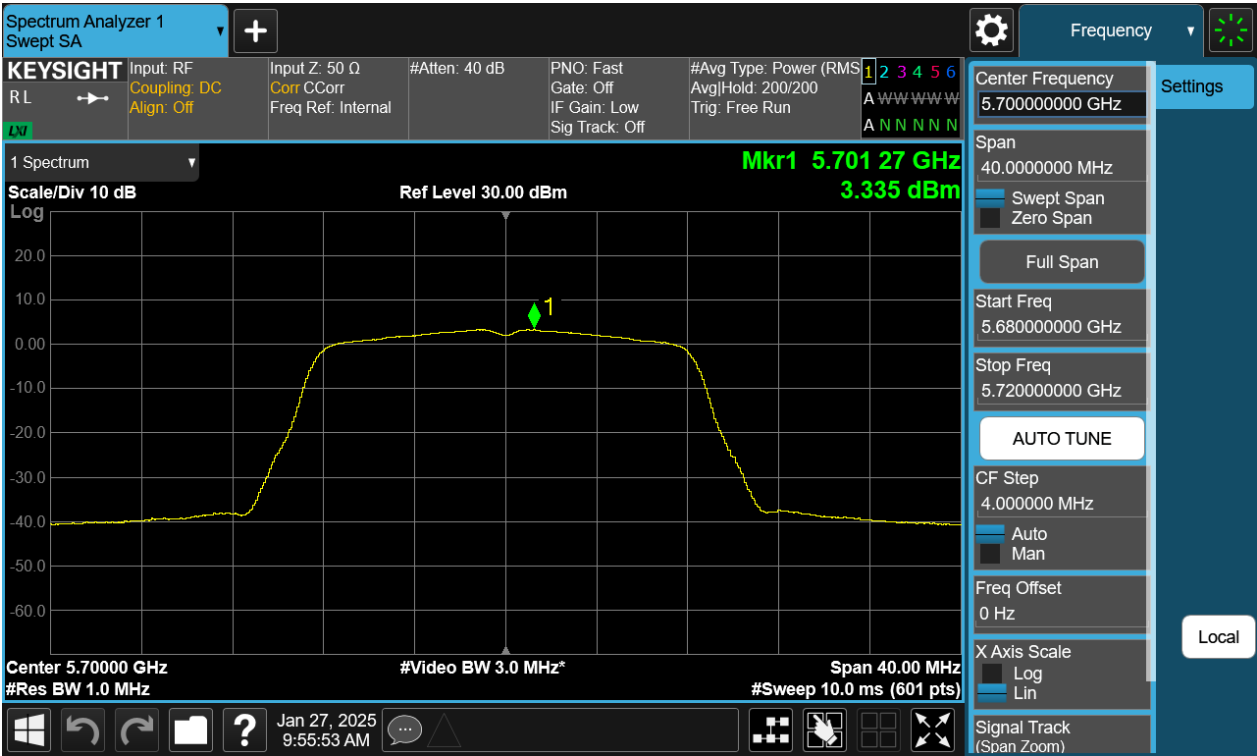
Frequency(MHz)	Level(dBm)
5578.866667	3.612



31. 802.11a_20M_Band3_H_ANT1

31.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

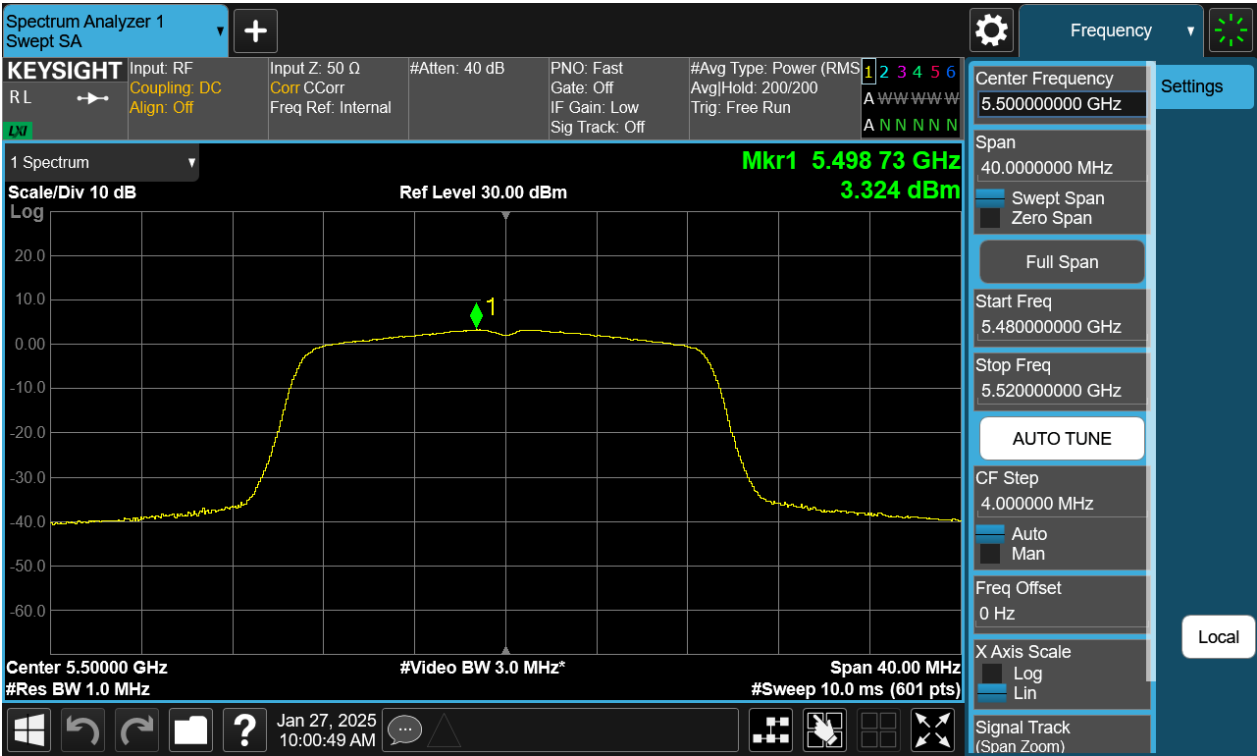
Frequency(MHz)	Level(dBm)
5701.266667	3.335



32. 802.11n_20M_Band3_L_ANT1

32.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

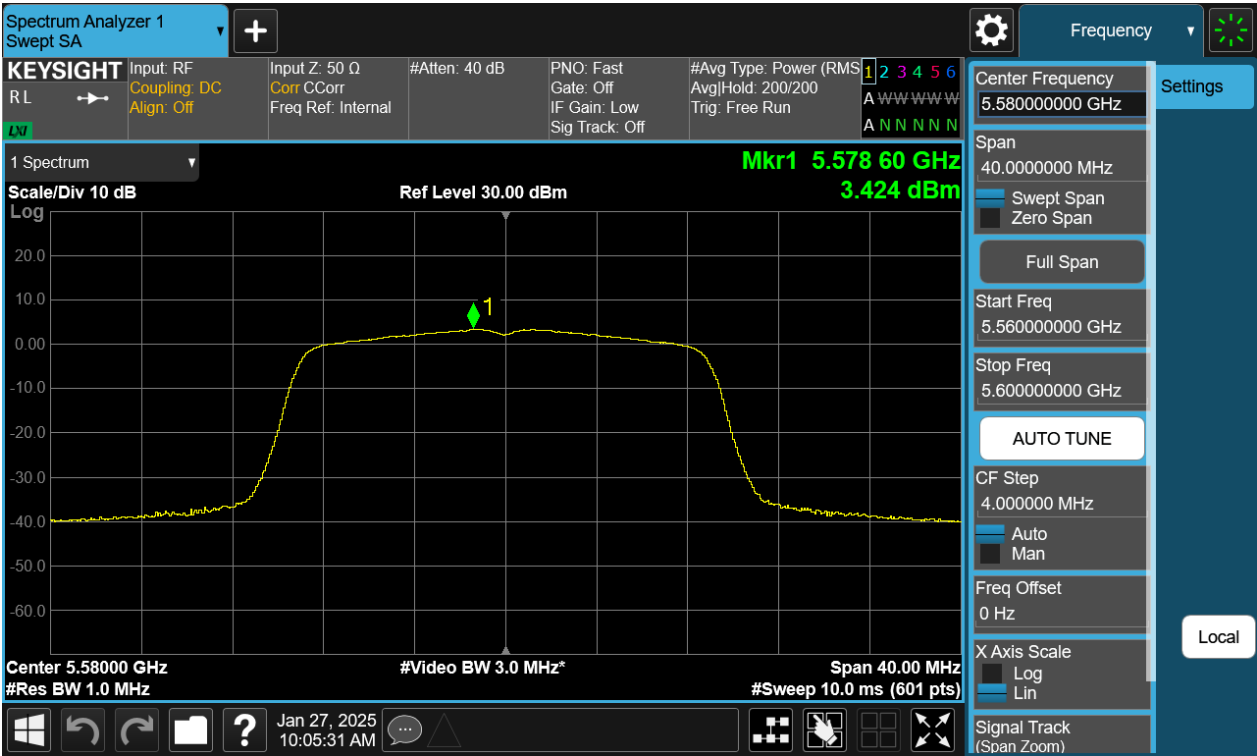
Frequency(MHz)	Level(dBm)
5498.733333	3.324



33. 802.11n_20M_Band3_M_ANT1

33.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

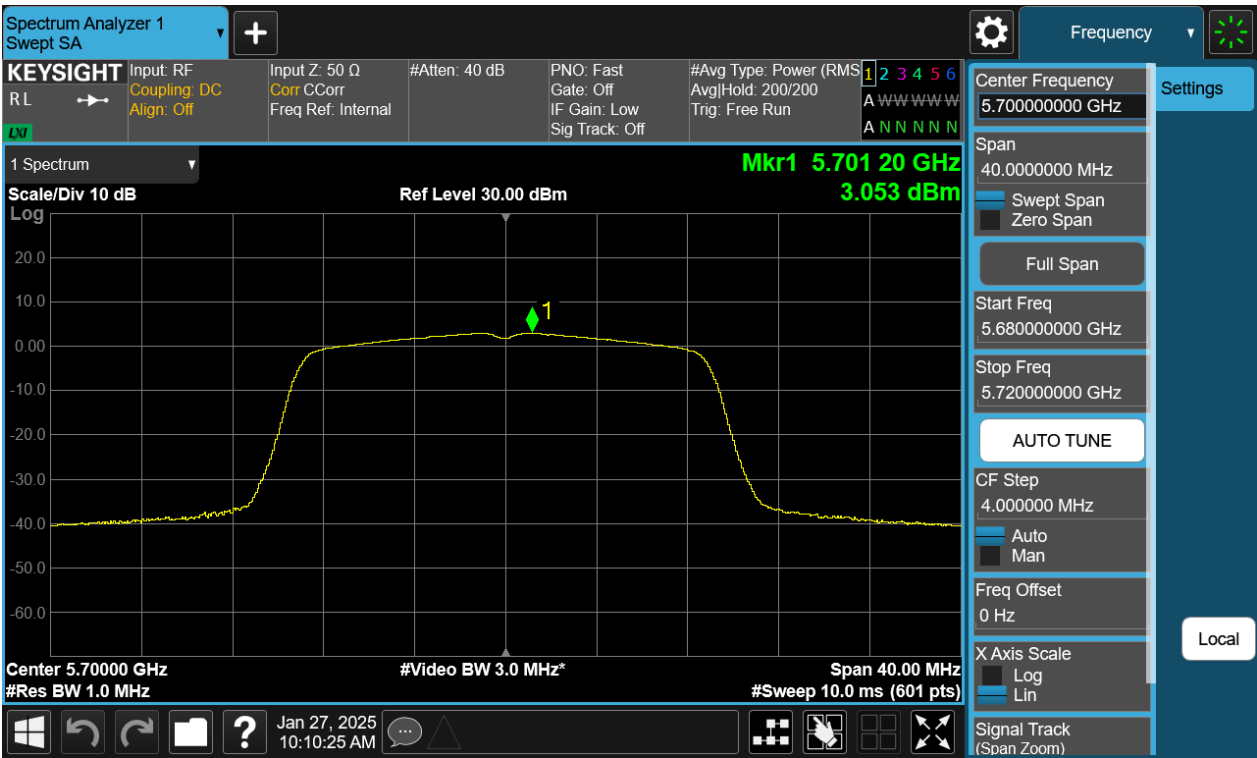
Frequency(MHz)	Level(dBm)
5578.6	3.424



34. 802.11n_20M_Band3_H_ANT1

34.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

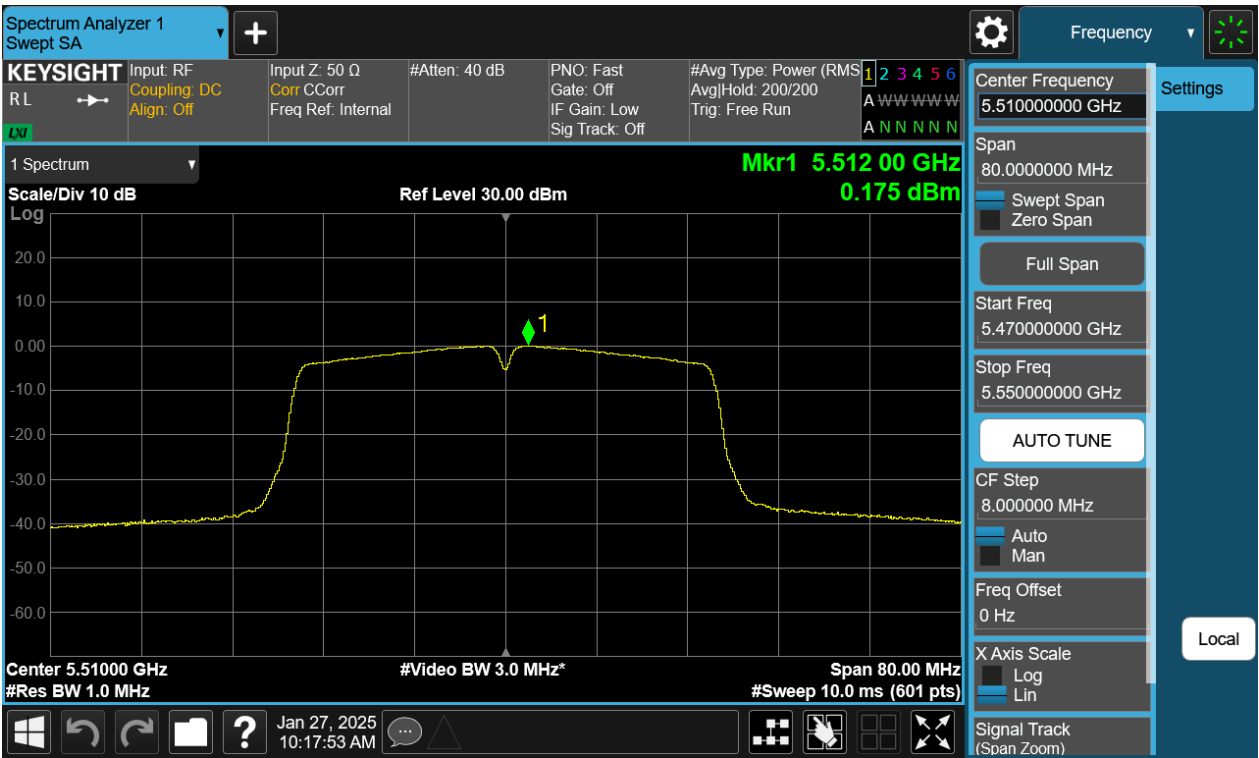
Frequency(MHz)	Level(dBm)
5701.2	3.053



35. 802.11n_40M_Band3_L_ANT1

35.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Frequency(MHz)	Level(dBm)
5512	0.175



36.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
RL Coupling: DC
Align: Off

Input Z: 50 Ω
Corr CCorr
Freq Ref: Internal

#Atten: 40 dB

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Ave/Hold: 200/200
Trig: Free Run

1 2 3 4 5 6
A W W W W W
N N N N N

1 Spectrum

Scale/Div 10 dB
Log

Ref Level 30.00 dBm

Mkr1 5.587 60 GHz
0.438 dBm

Center 5.59000 GHz
#Res BW 1.0 MHz

#Video BW 3.0 MHz*

Span 80.00 MHz
#Sweep 10.0 ms (601 pts)

Center Frequency
5.590000000 GHz

Span
80.0000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
5.550000000 GHz

Stop Freq
5.630000000 GHz

AUTO TUNE

CF Step
8.000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

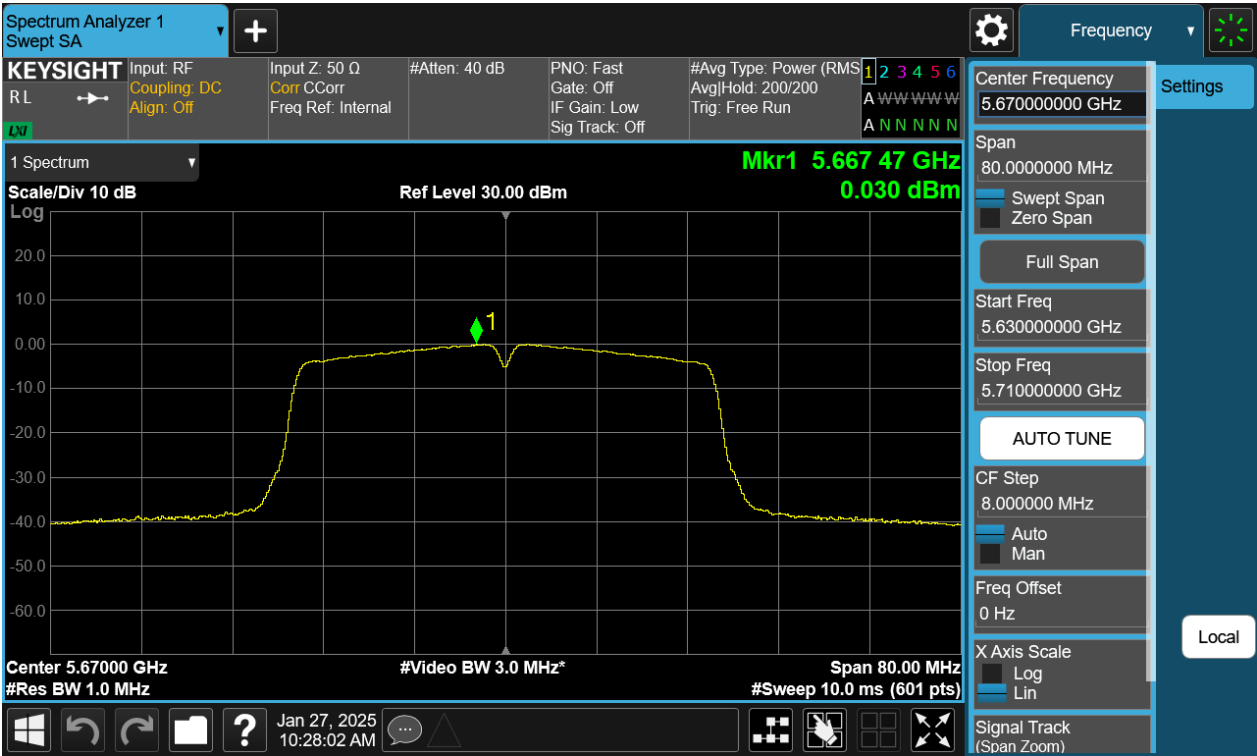
Settings

Local

37. 802.11n_40M_Band3_H_ANT1

37.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

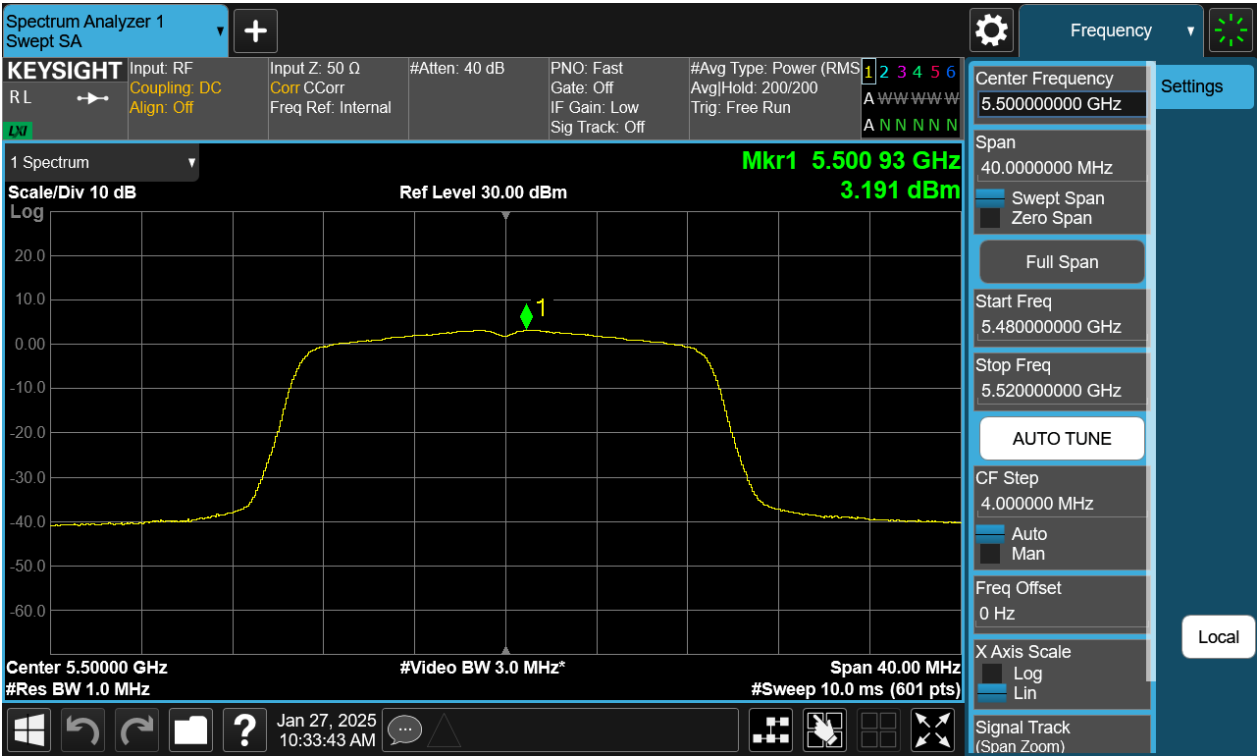
Frequency(MHz)	Level(dBm)
5667.466667	0.03



38. 802.11ac_20M_Band3_L_ANT1

38.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

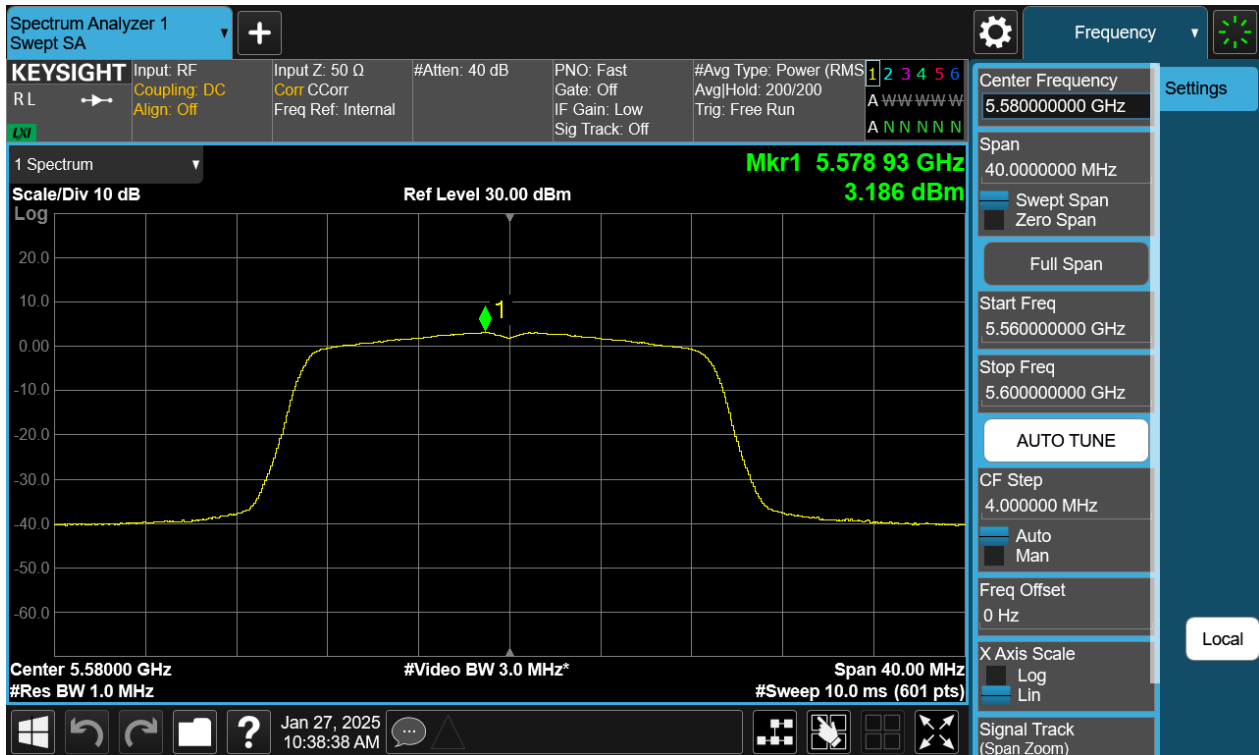
Frequency(MHz)	Level(dBm)
5500.933333	3.191



39. 802.11ac_20M_Band3_M_ANT1

39.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

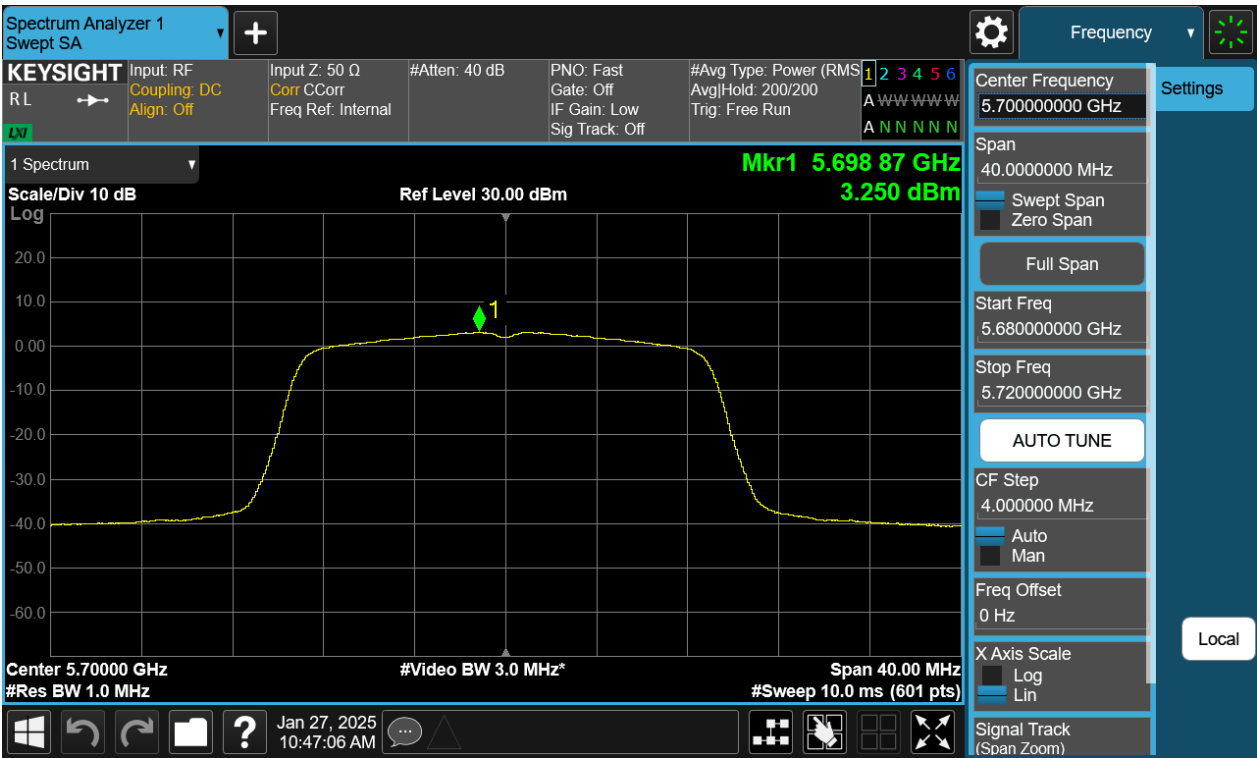
Frequency(MHz)	Level(dBm)
5578.933333	3.186



40. 802.11ac_20M_Band3_H_ANT1

40.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

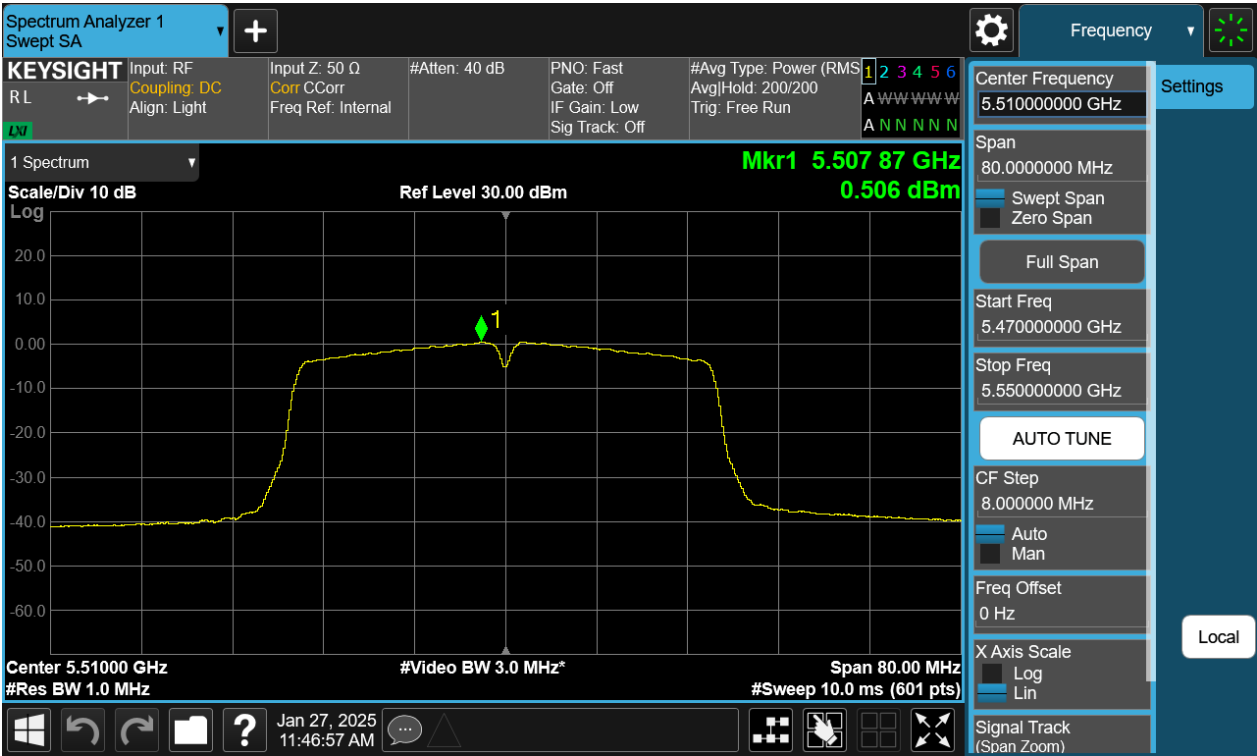
Frequency(MHz)	Level(dBm)
5698.866667	3.25



41. 802.11ac_40M_Band3_L_ANT1

41.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

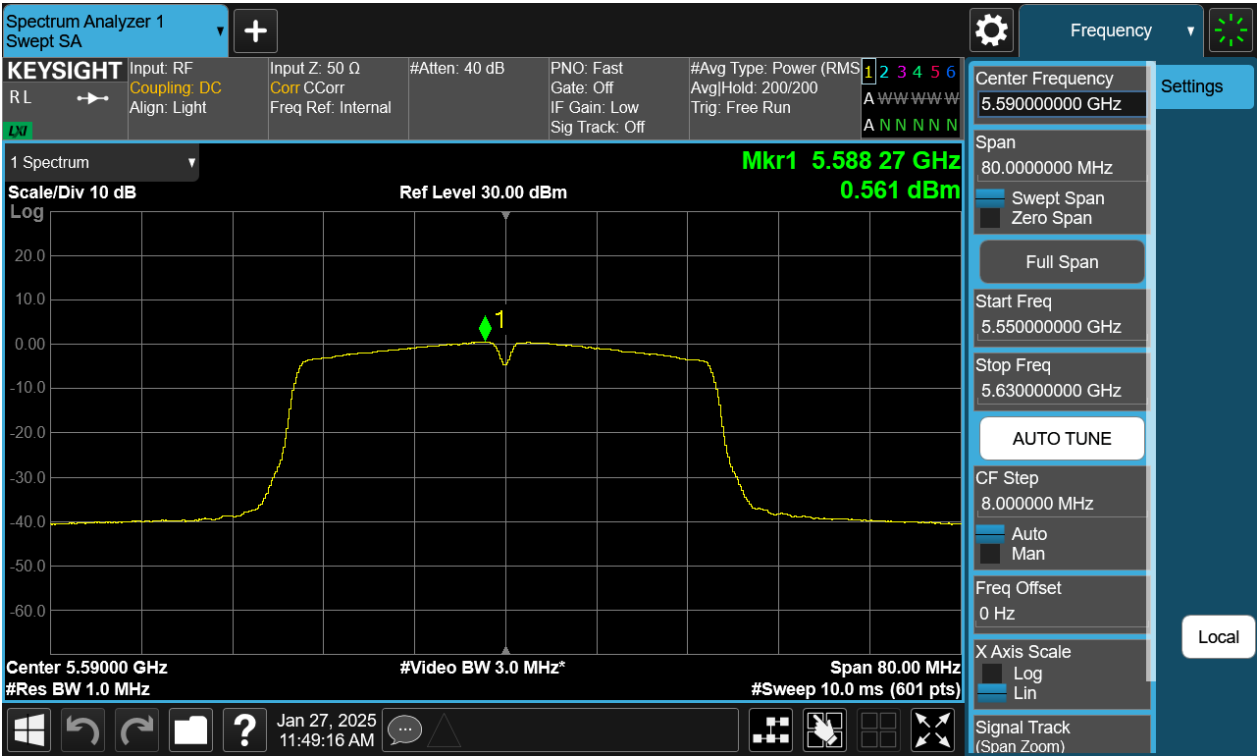
Frequency(MHz)	Level(dBm)
5507.866667	0.506



42. 802.11ac_40M_Band3_M_ANT1

42.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

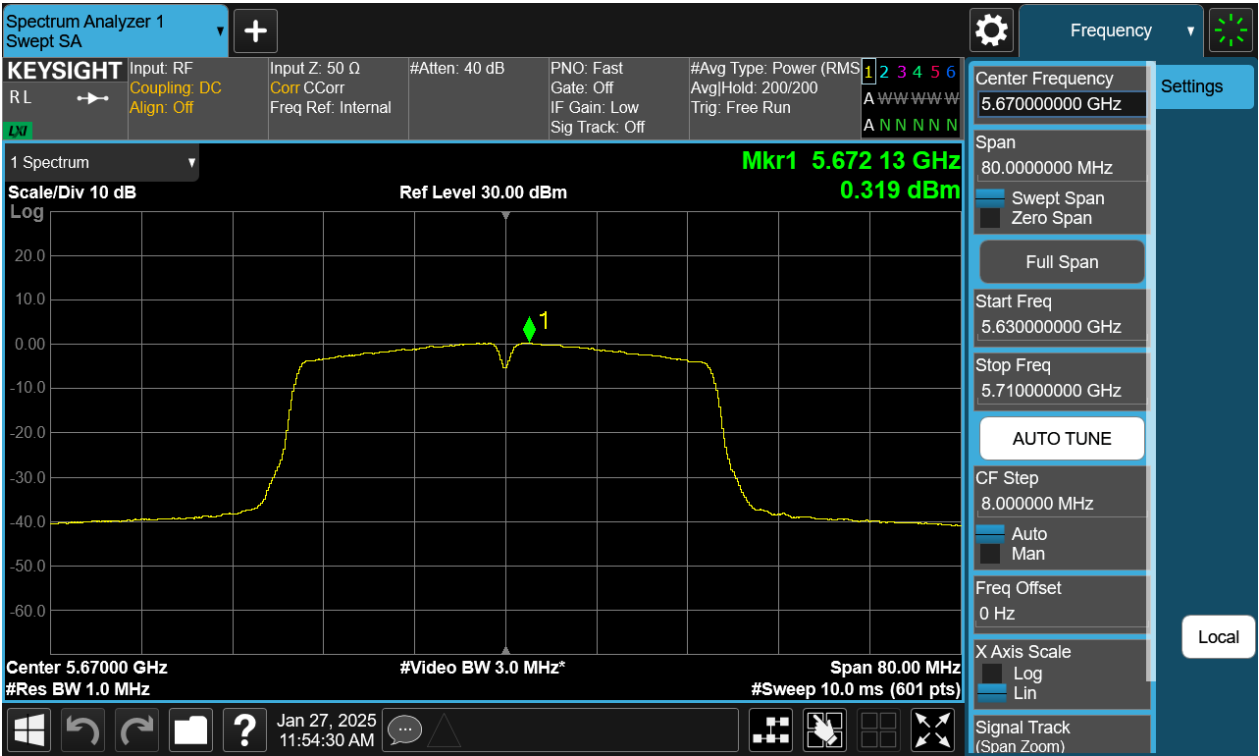
Frequency(MHz)	Level(dBm)
5588.266667	0.561



43. 802.11ac_40M_Band3_H_ANT1

43.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

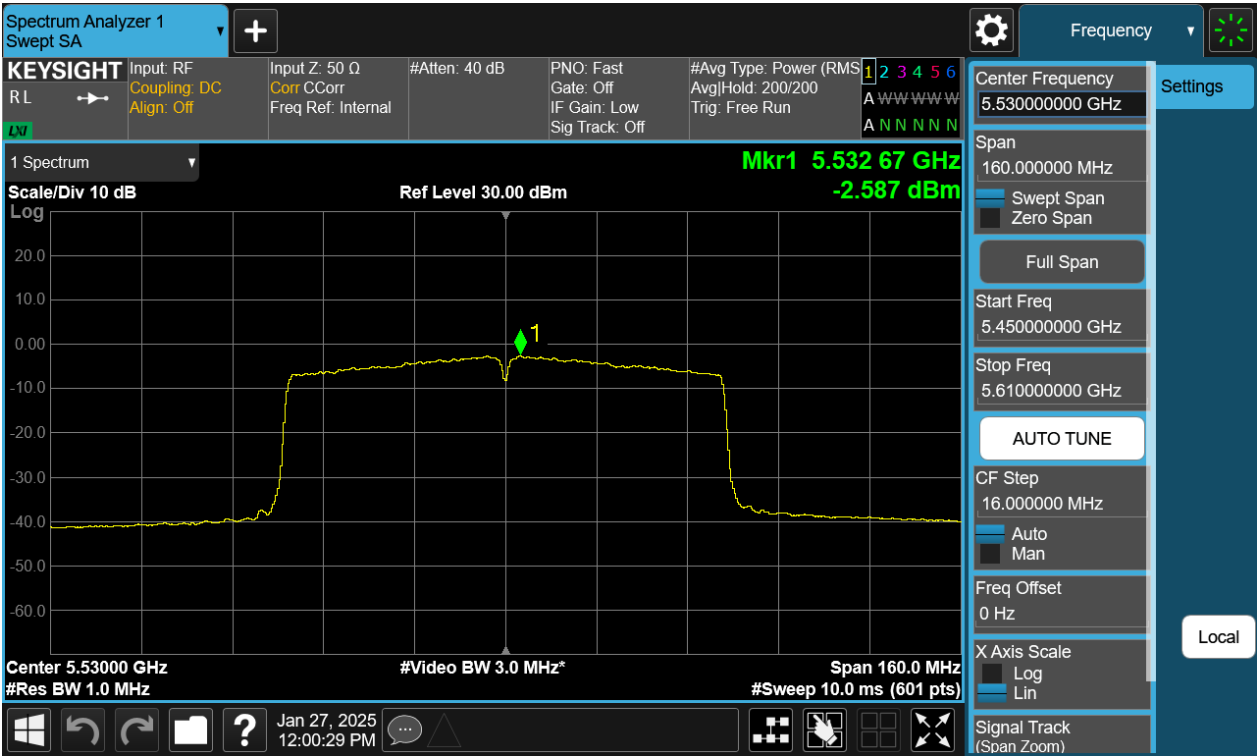
Frequency(MHz)	Level(dBm)
5672.133333	0.319



44. 802.11ac_80M_Band3_M_ANT1

44.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

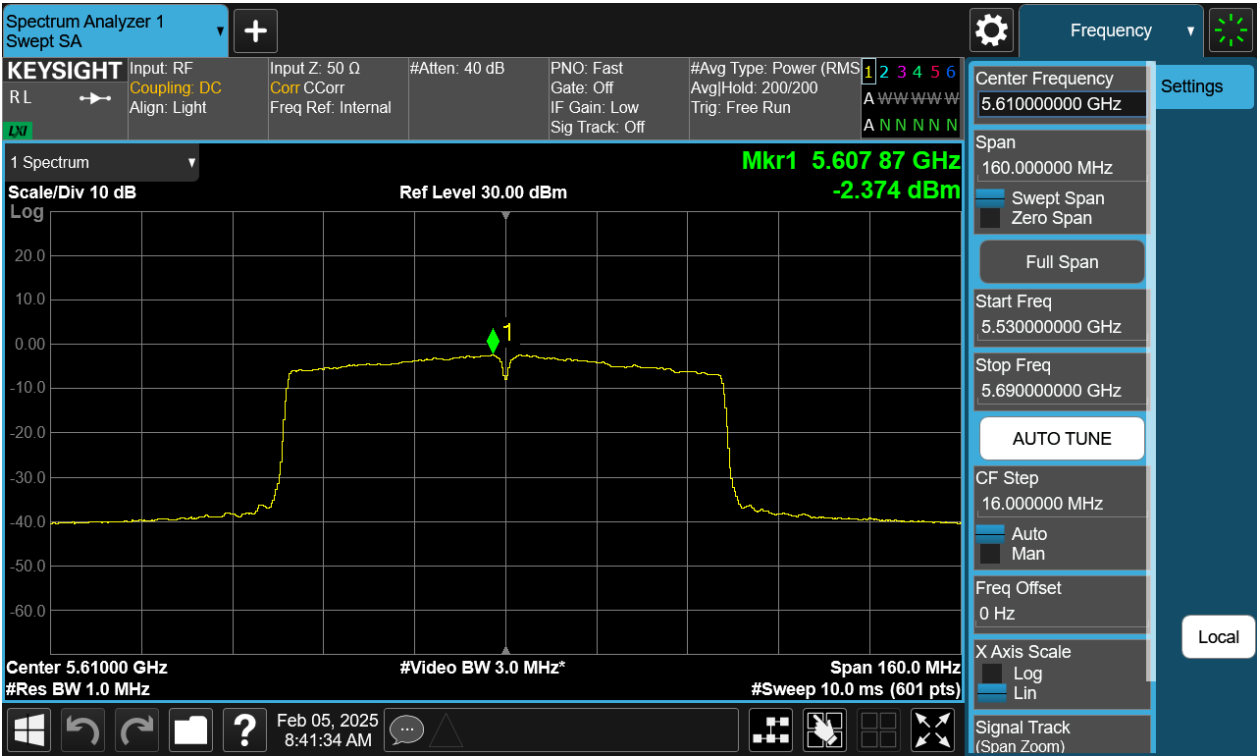
Frequency(MHz)	Level(dBm)
5532.666667	-2.587



45. 802.11ac_80H_Band3_H_ANT1

45.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

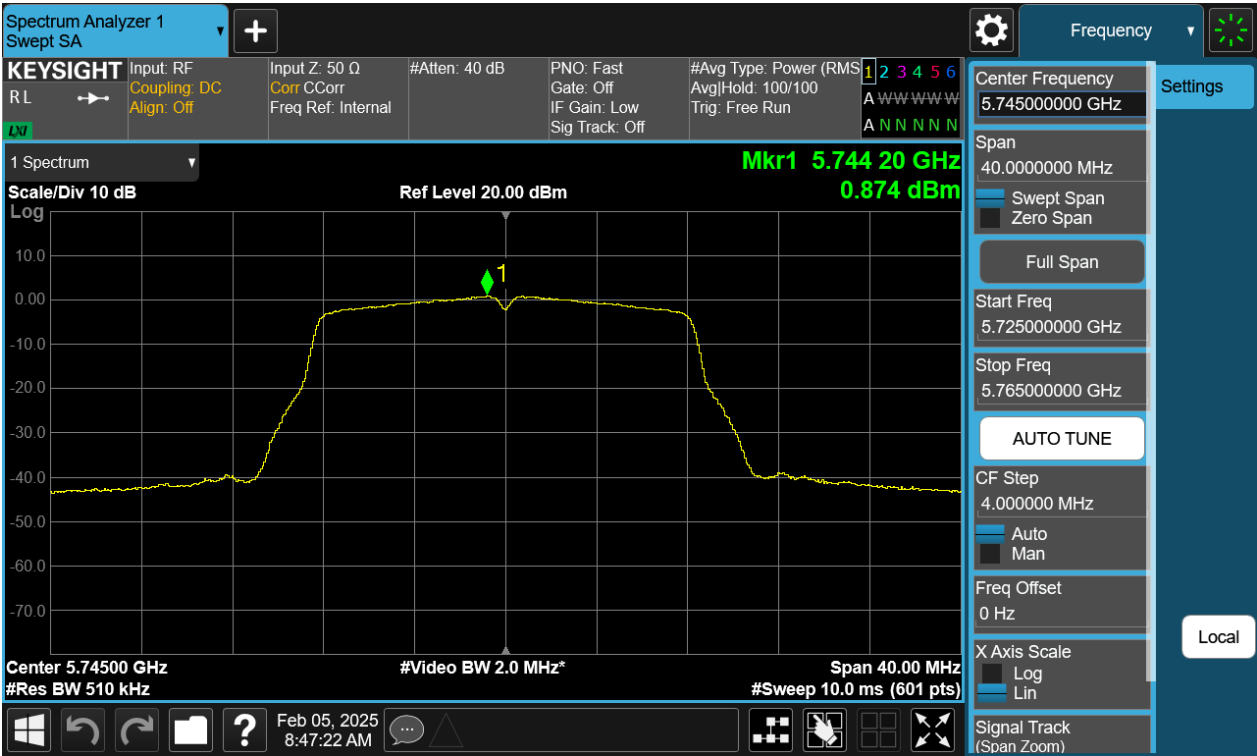
Frequency(MHz)	Level(dBm)
5607.866667	-2.374



46. 802.11a_20M_Band4_L

46.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

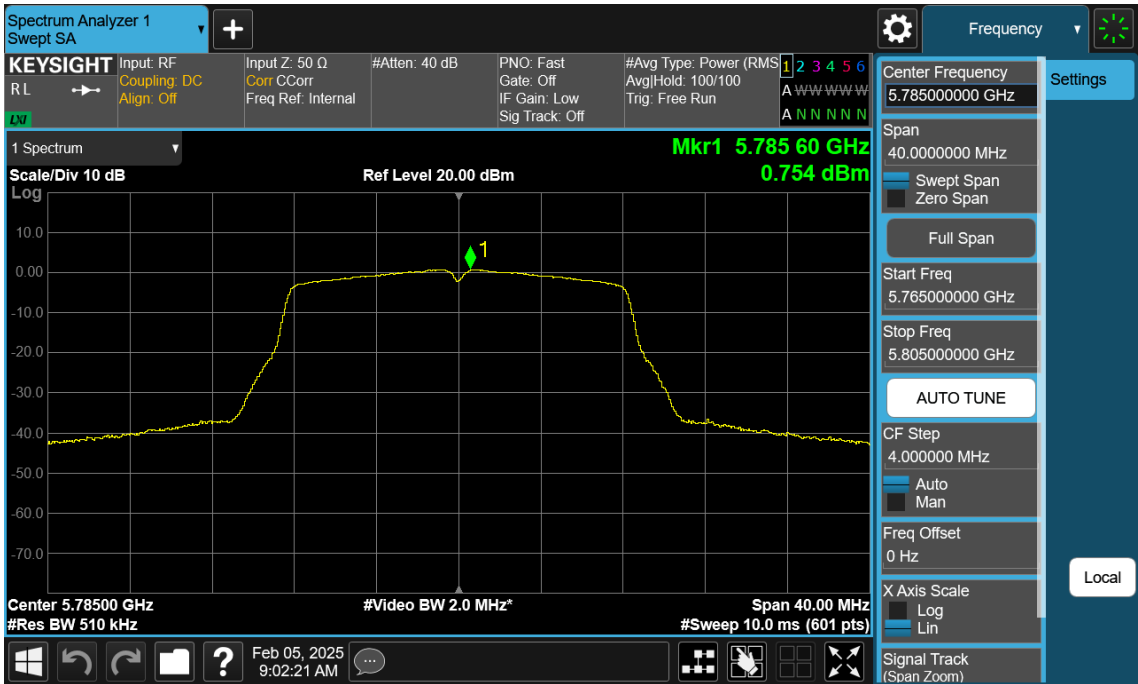
Frequency(MHz)	Level(dBm)
5744.2	0.874



47. 802.11a_20M_Band4_M

47.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

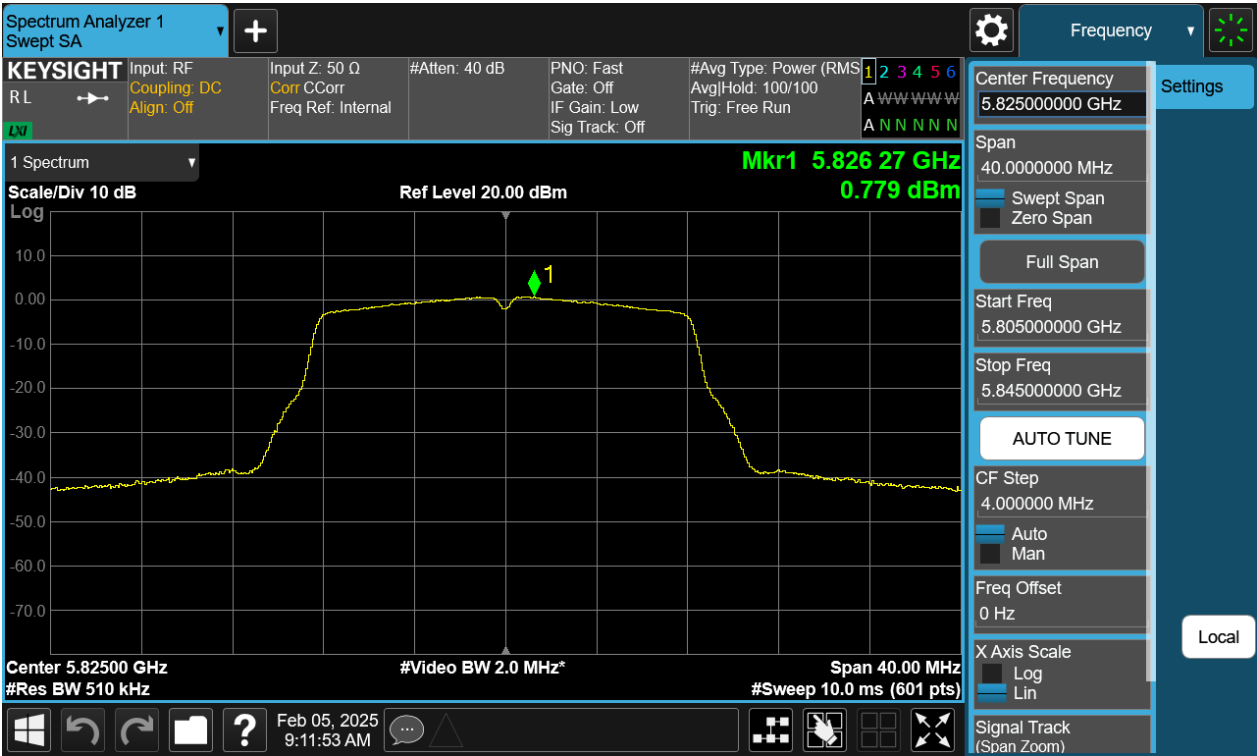
Frequency(MHz)	Level(dBm)
5785.6	0.754



48. 802.11a_20M_Band4_H

48.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

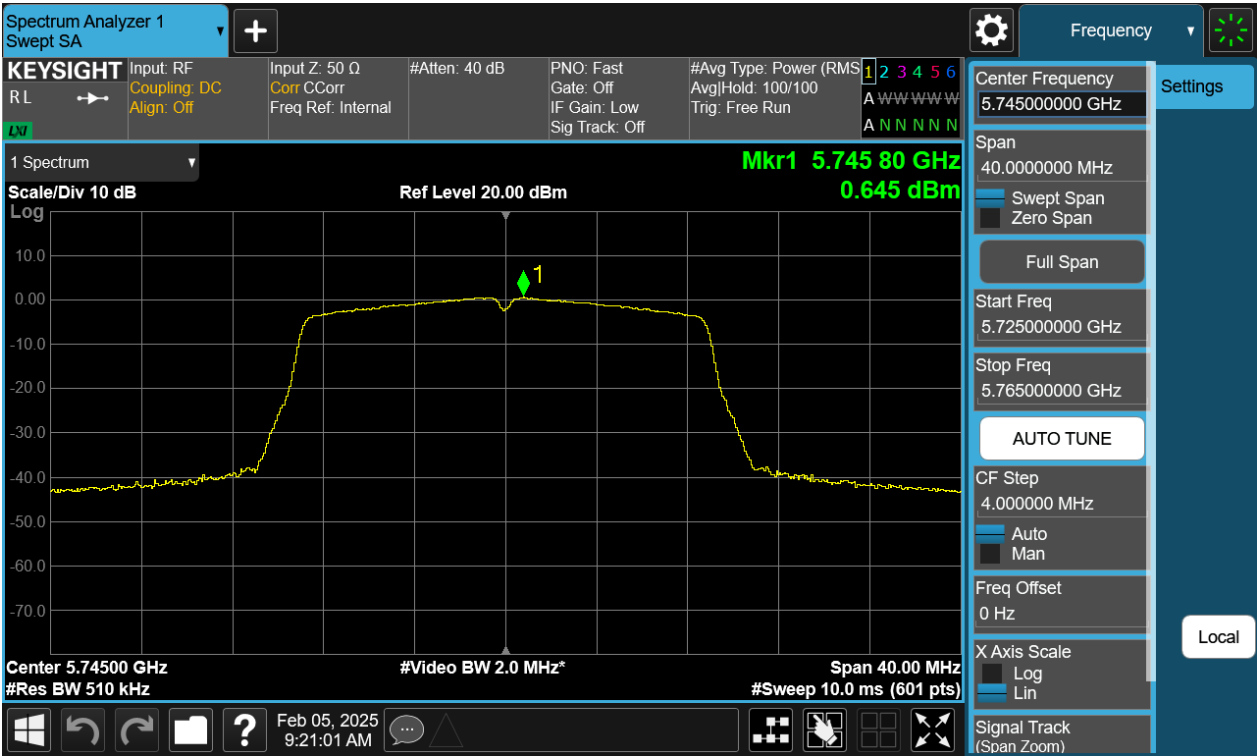
Frequency(MHz)	Level(dBm)
5826.266667	0.779



49. 802.11n_20M_Band4_L

49.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

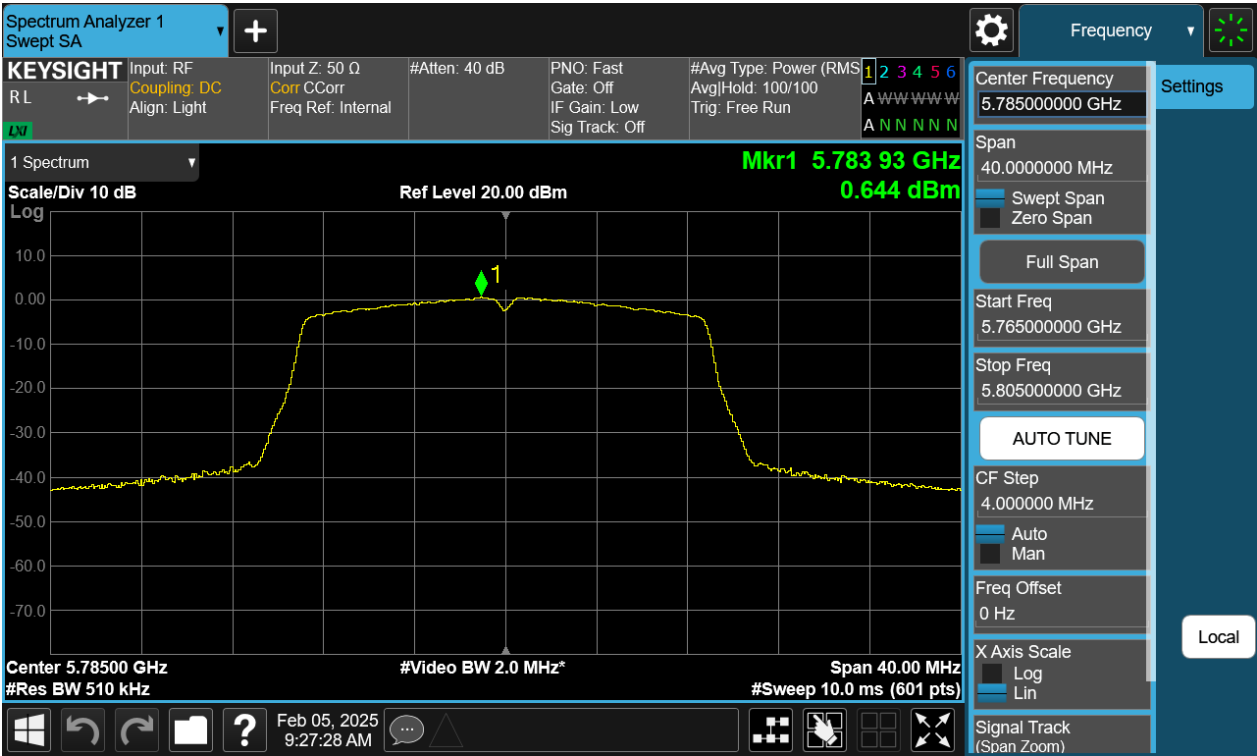
Frequency(MHz)	Level(dBm)
5745.8	0.645



50. 802.11n_20M_Band4_M

50.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

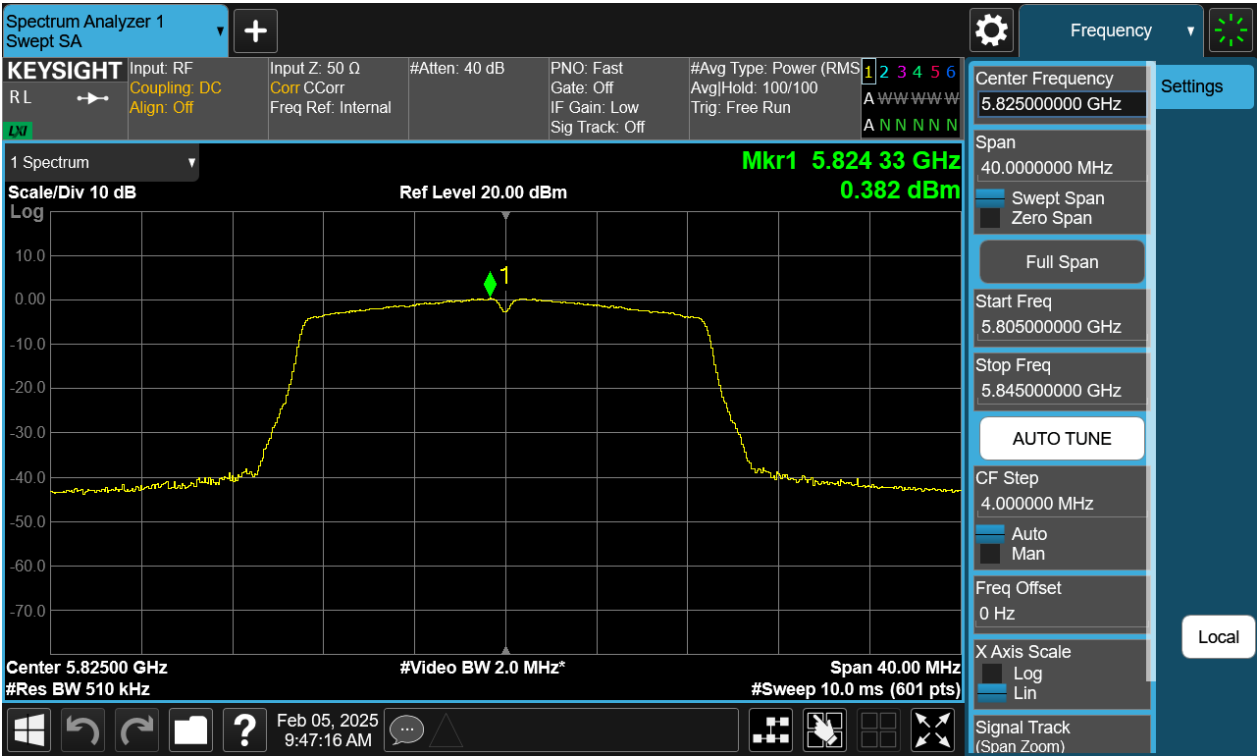
Frequency(MHz)	Level(dBm)
5783.933333	0.644



51. 802.11n_20M_Band4_H

51.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

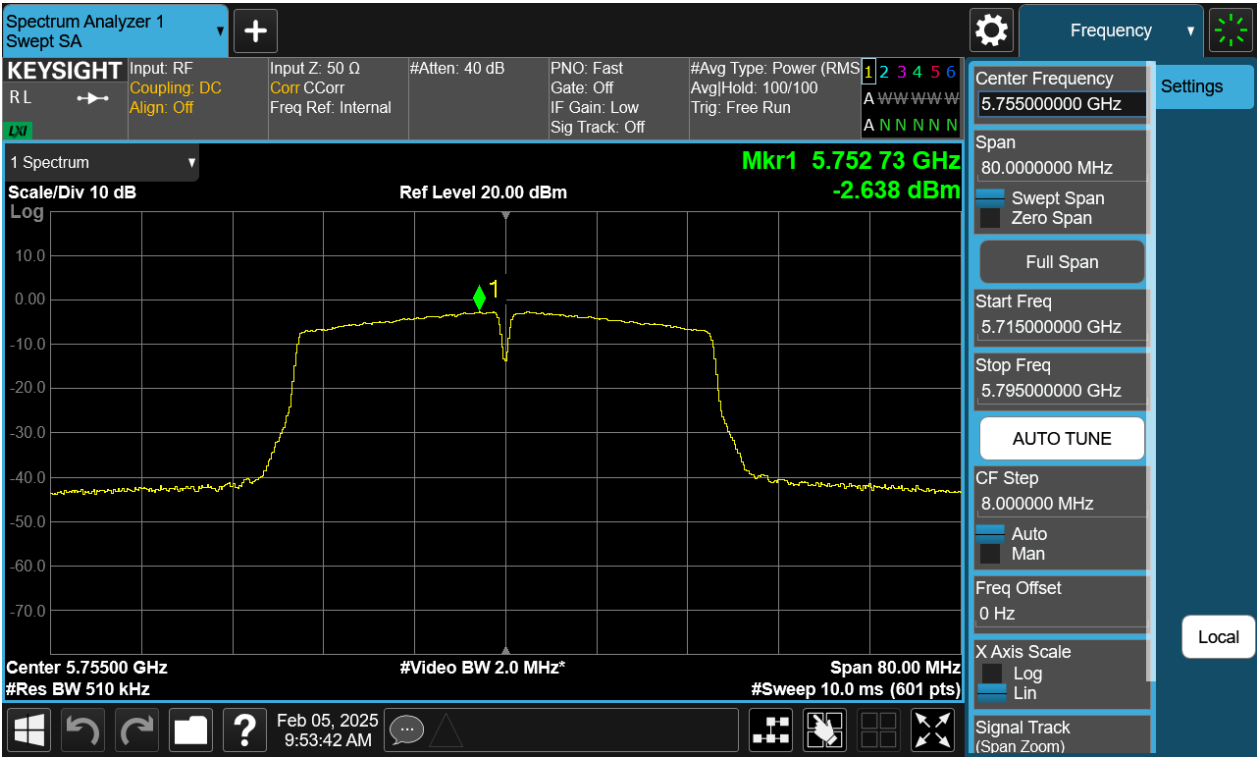
Frequency(MHz)	Level(dBm)
5824.333333	0.382



52. 802.11n_40M_Band4_L

52.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

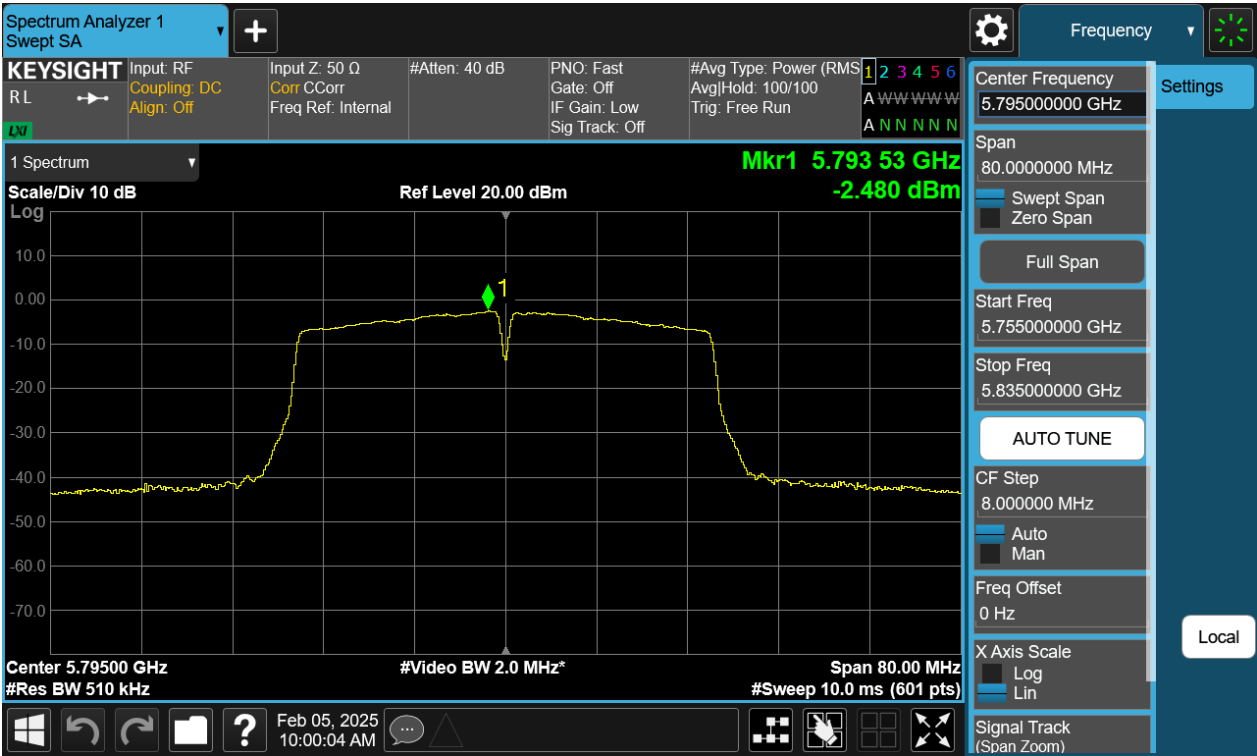
Frequency(MHz)	Level(dBm)
5752.733333	-2.638



53. 802.11n_40M_Band4_H

53.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

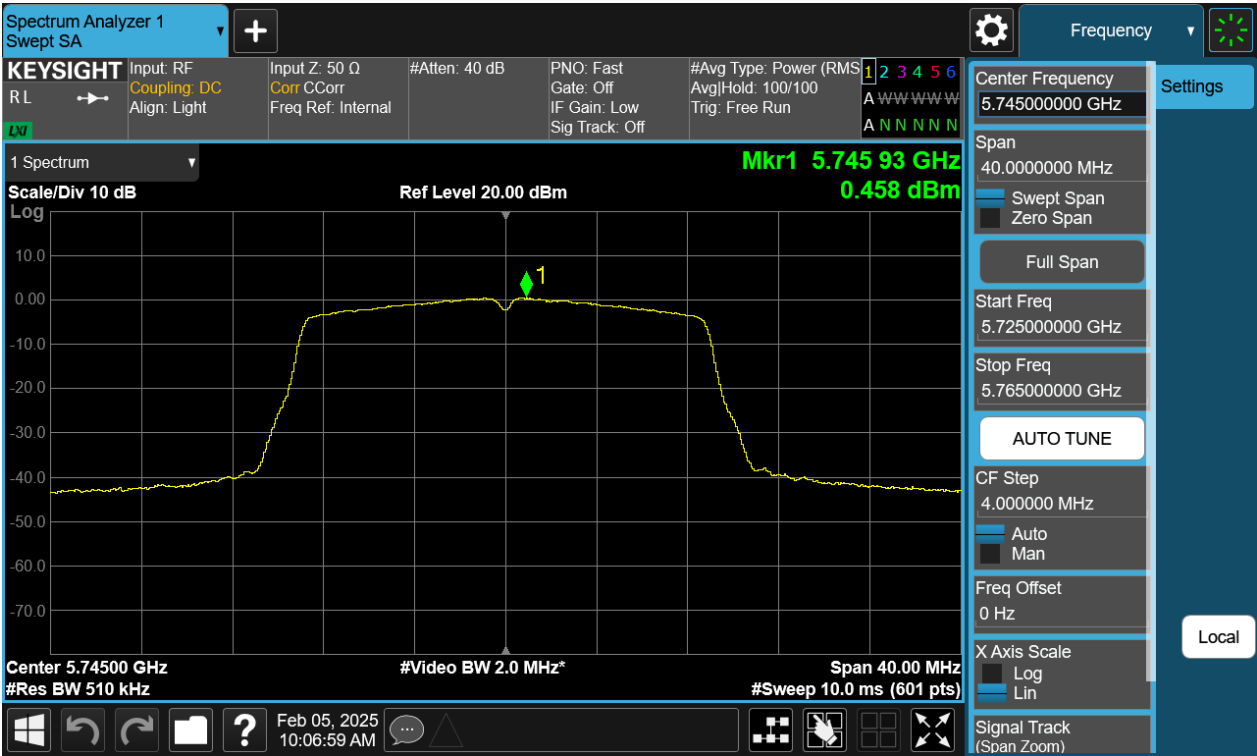
Frequency(MHz)	Level(dBm)
5793.533333	-2.48



54. 802.11ac_20M_Band4_L

54.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

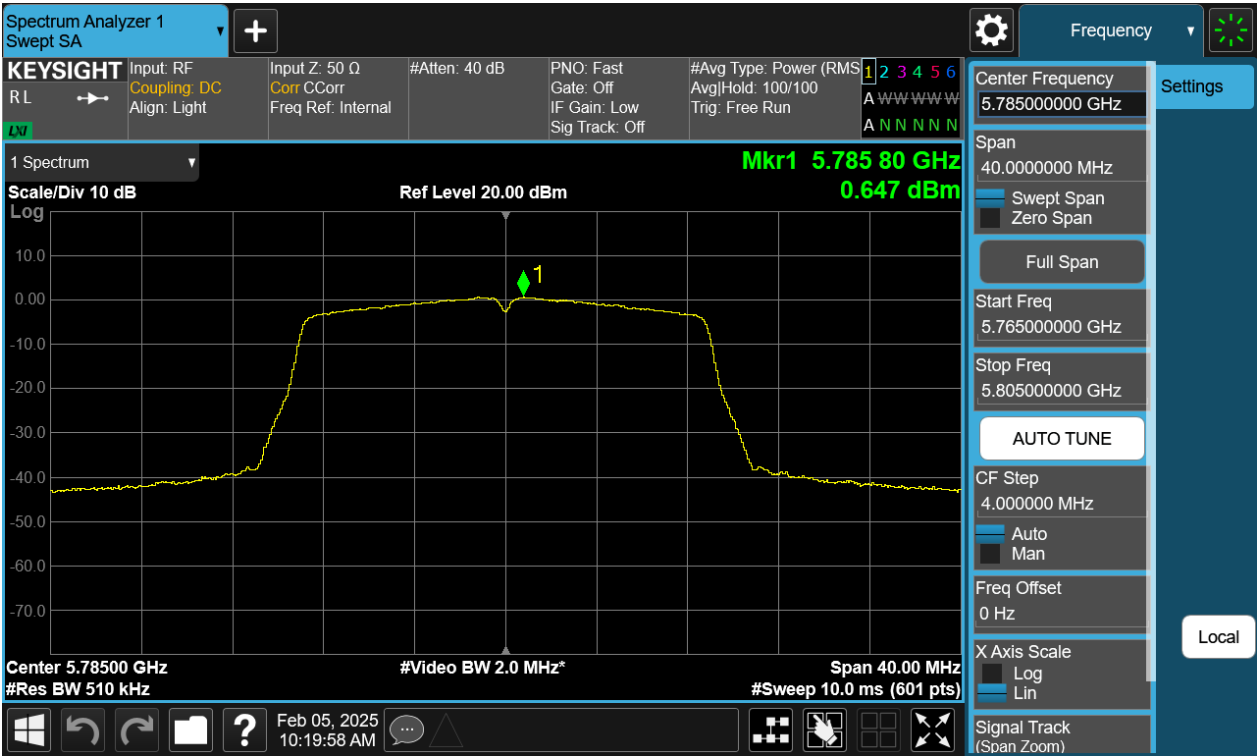
Frequency(MHz)	Level(dBm)
5745.933333	0.458



55. 802.11ac_20M_Band4_M

55.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

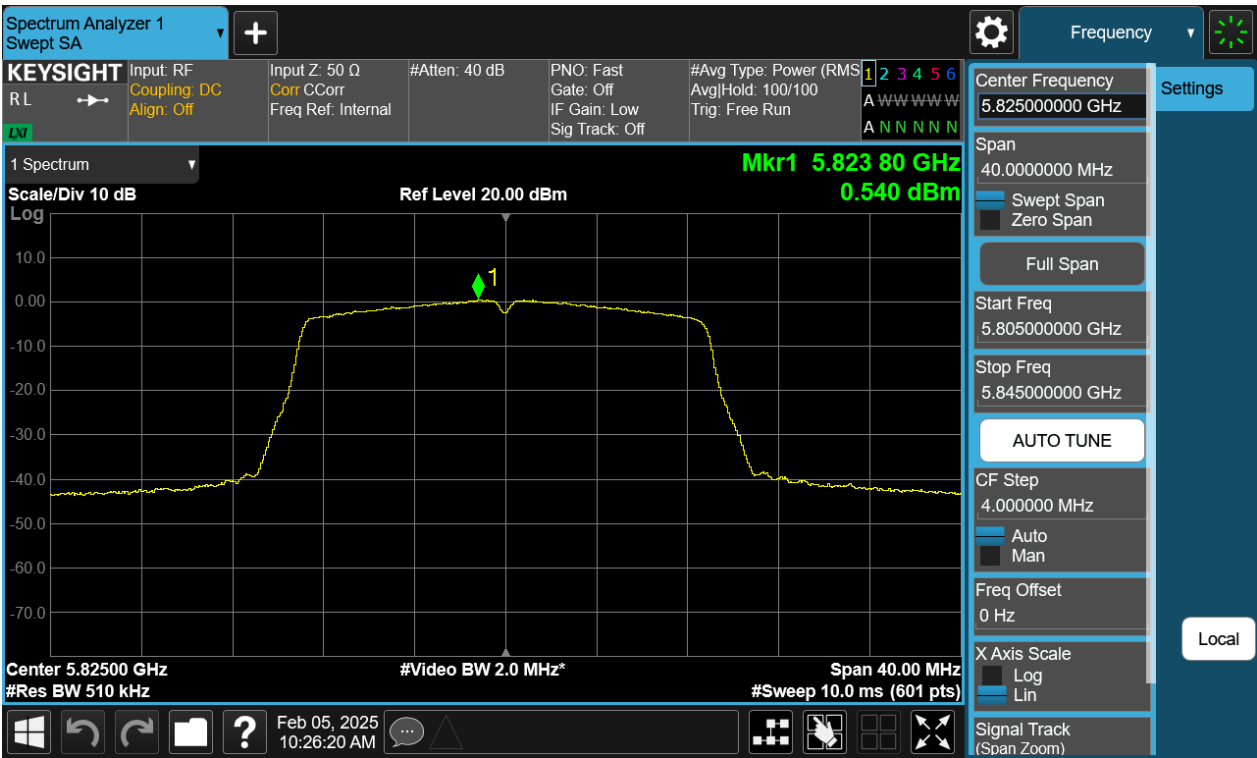
Frequency(MHz)	Level(dBm)
5785.8	0.647



56. 802.11ac_20M_Band4_H

56.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

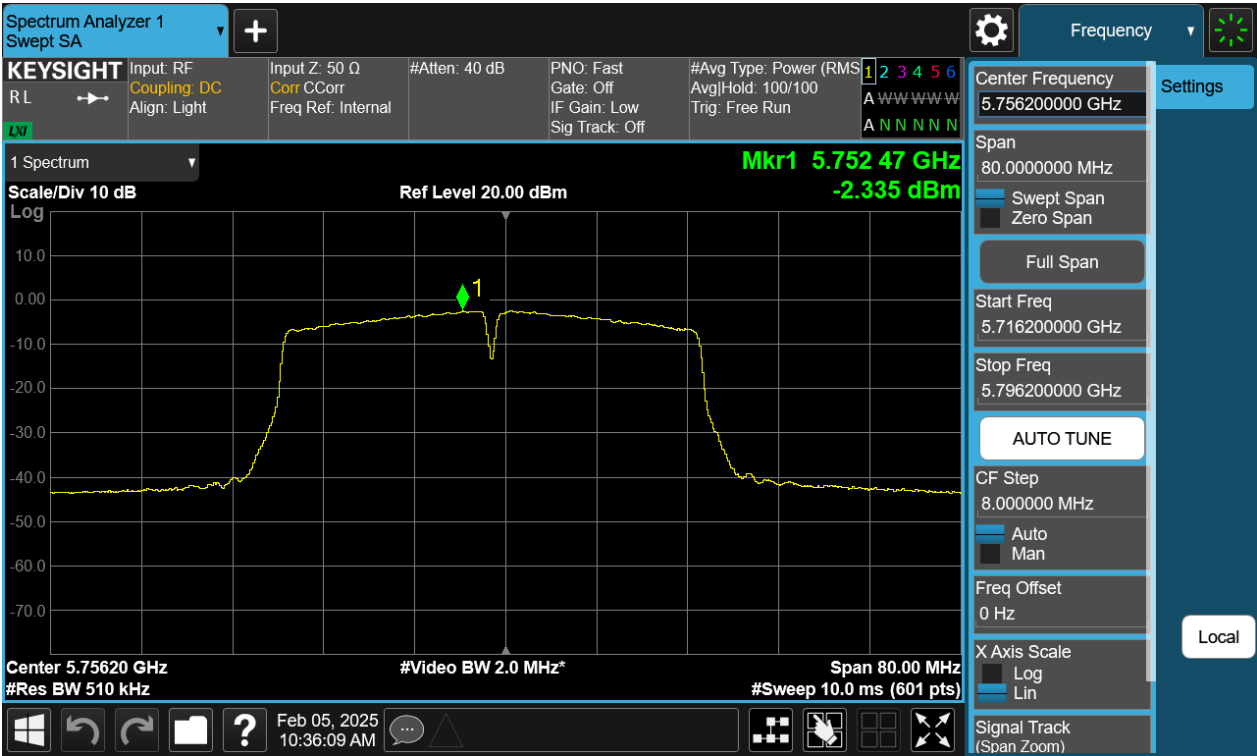
Frequency(MHz)	Level(dBm)
5823.8	0.54



57. 802.11ac_40M_Band4_L

57.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

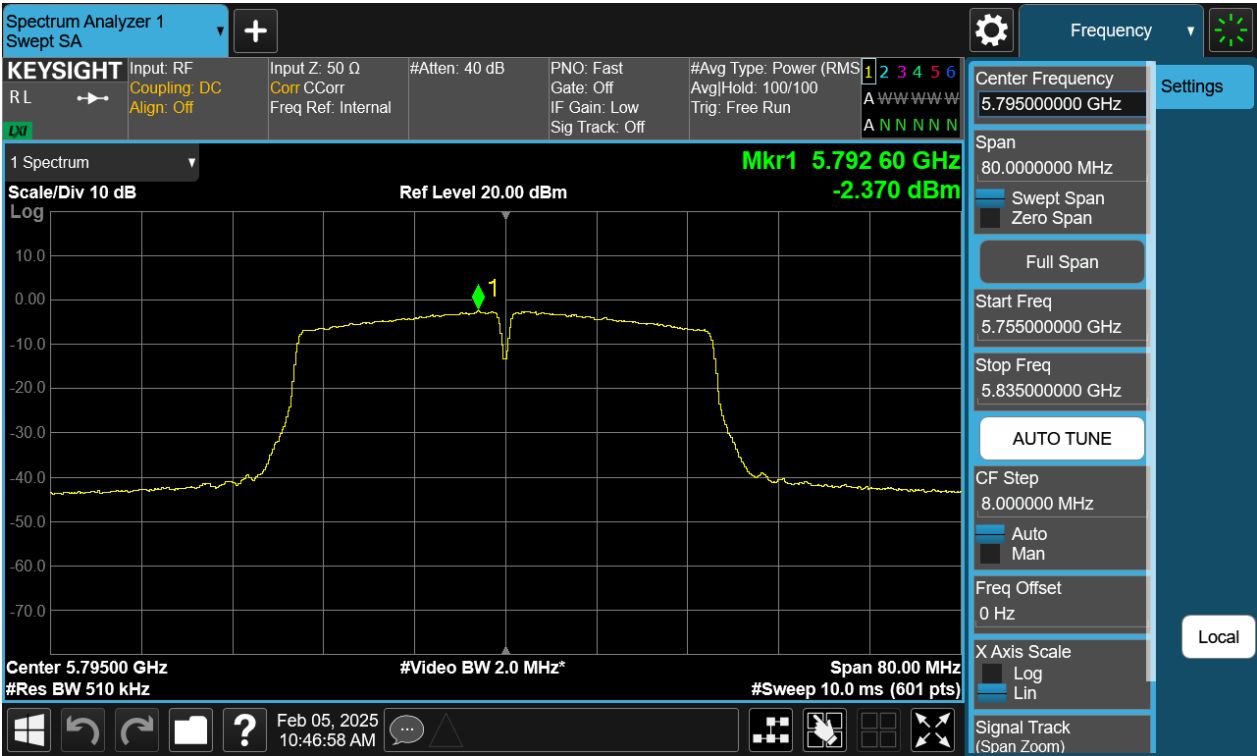
Frequency(MHz)	Level(dBm)
5752.466667	-2.335



58. 802.11ac_40M_Band4_H

58.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Frequency(MHz)	Level(dBm)
5792.6	-2.37



59. 802.11ac_80M_Band4_M

59.1 A.4-RMS Power Spectral Density (PSD)(NTNV)

Frequency(MHz)	Level(dBm)
5772.333333	-5.583

