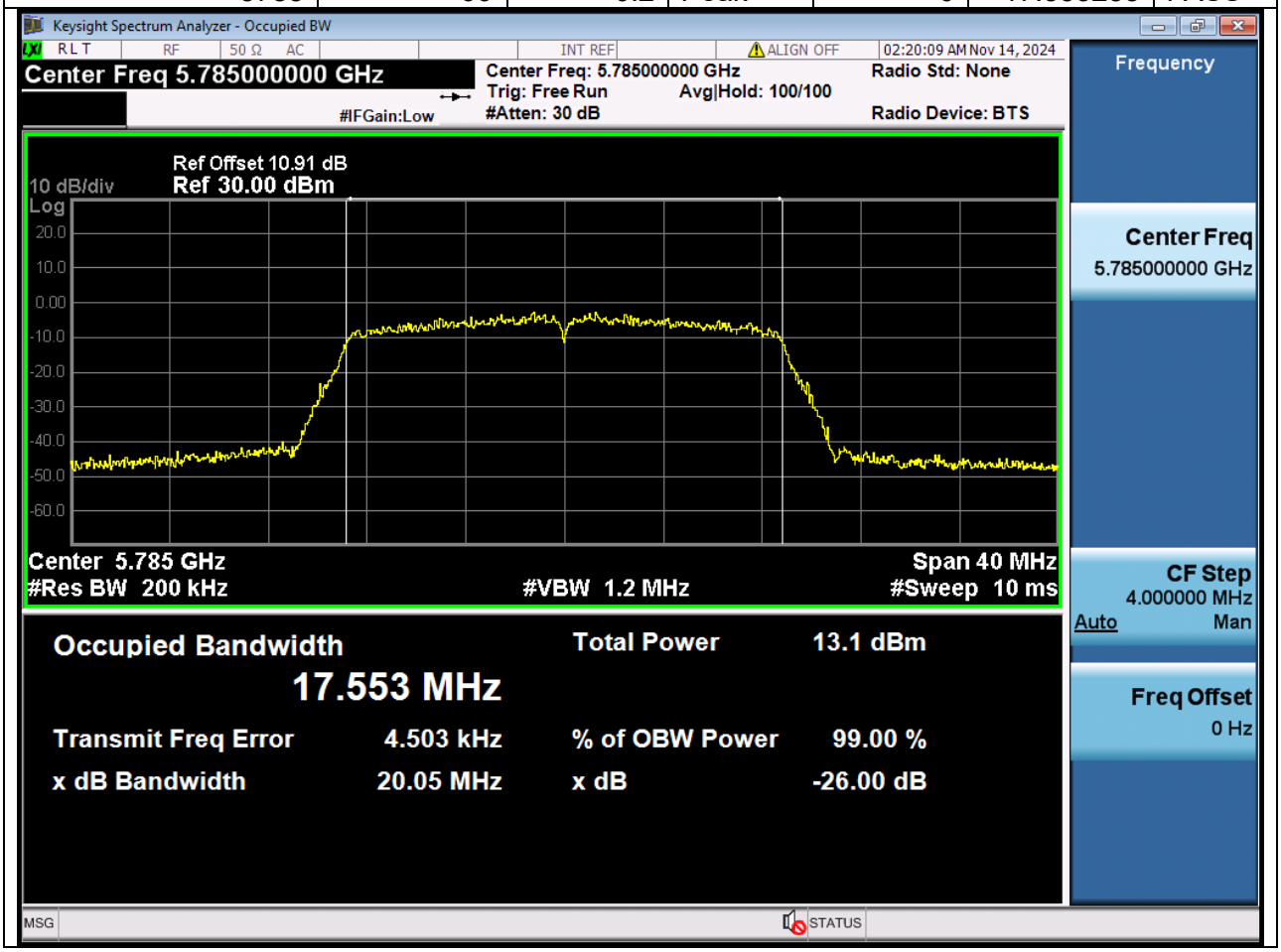
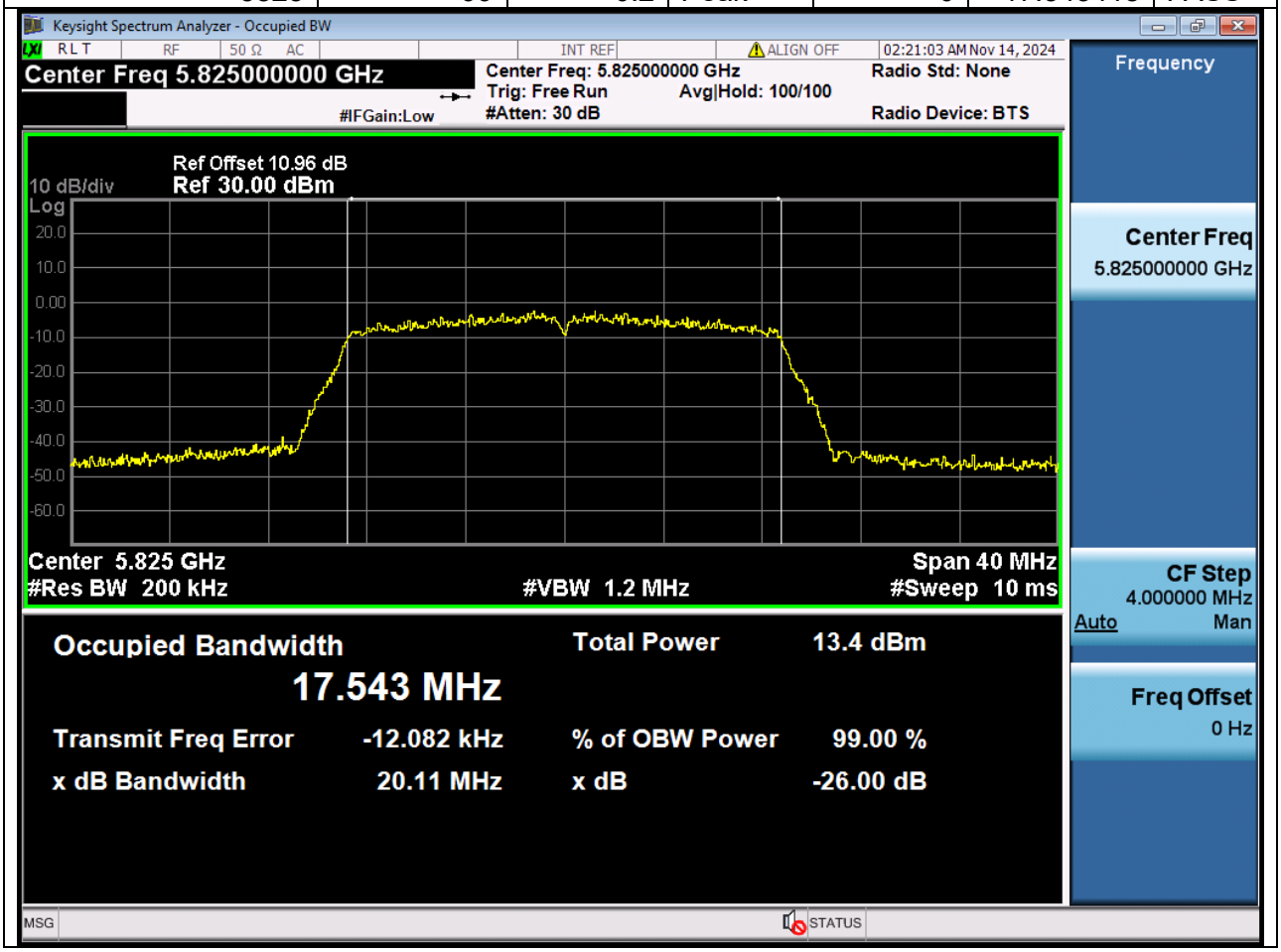
20.2. A.2.2-99% BANDWIDTH(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5785	99	0.2	Peak	0	17.553255	PASS



20.3. A.2.2-99% BANDWIDTH(NTNV)

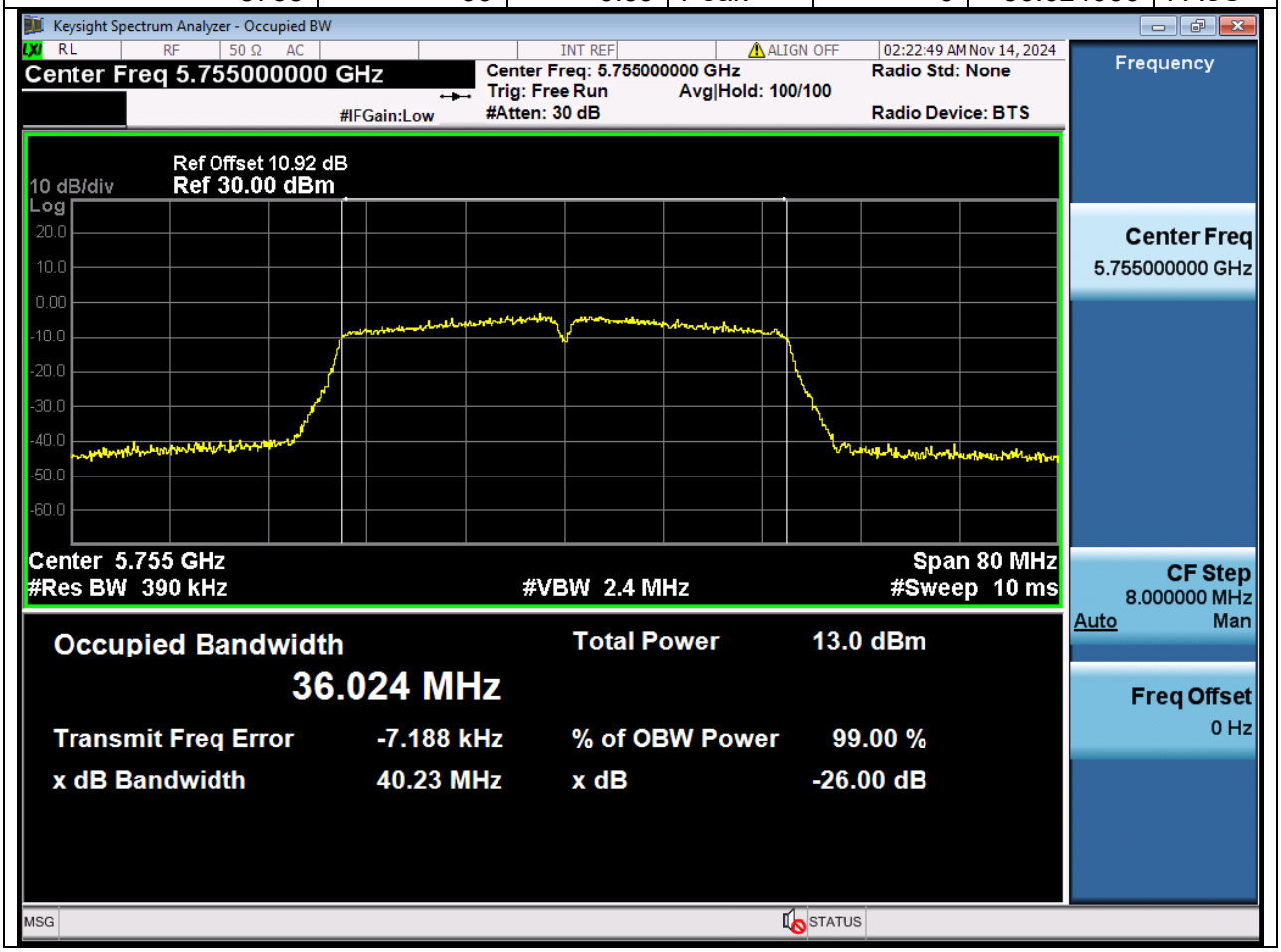
Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5825	99	0.2	Peak	0	17.543418	PASS



21. 802.11N_BAND4_BW40MHZ

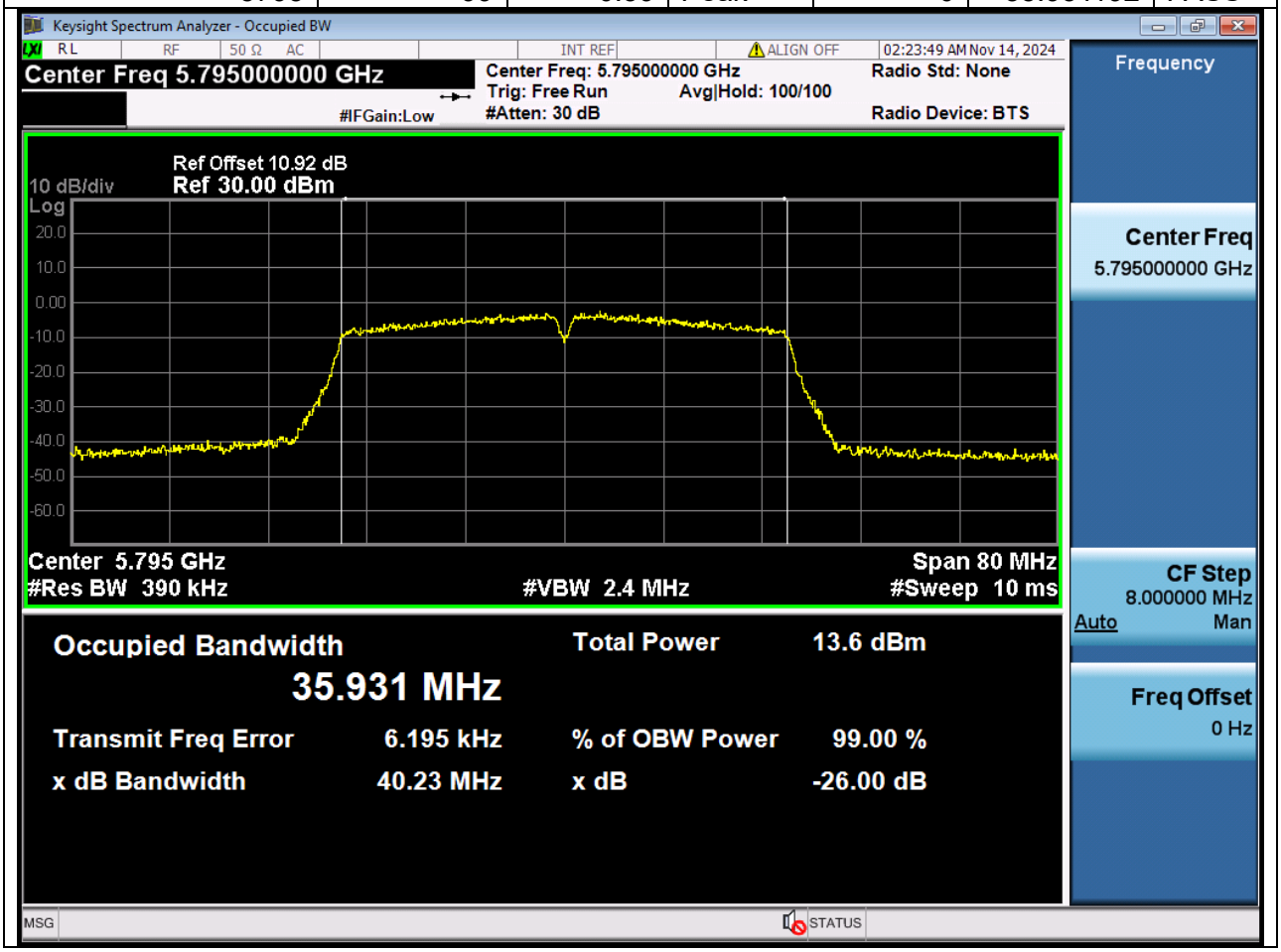
21.1. A.2.2-99% BANDWIDTH(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5755	99	0.39	Peak	0	36.024066	PASS



21.2. A.2.2-99% BANDWIDTH(NTNV)

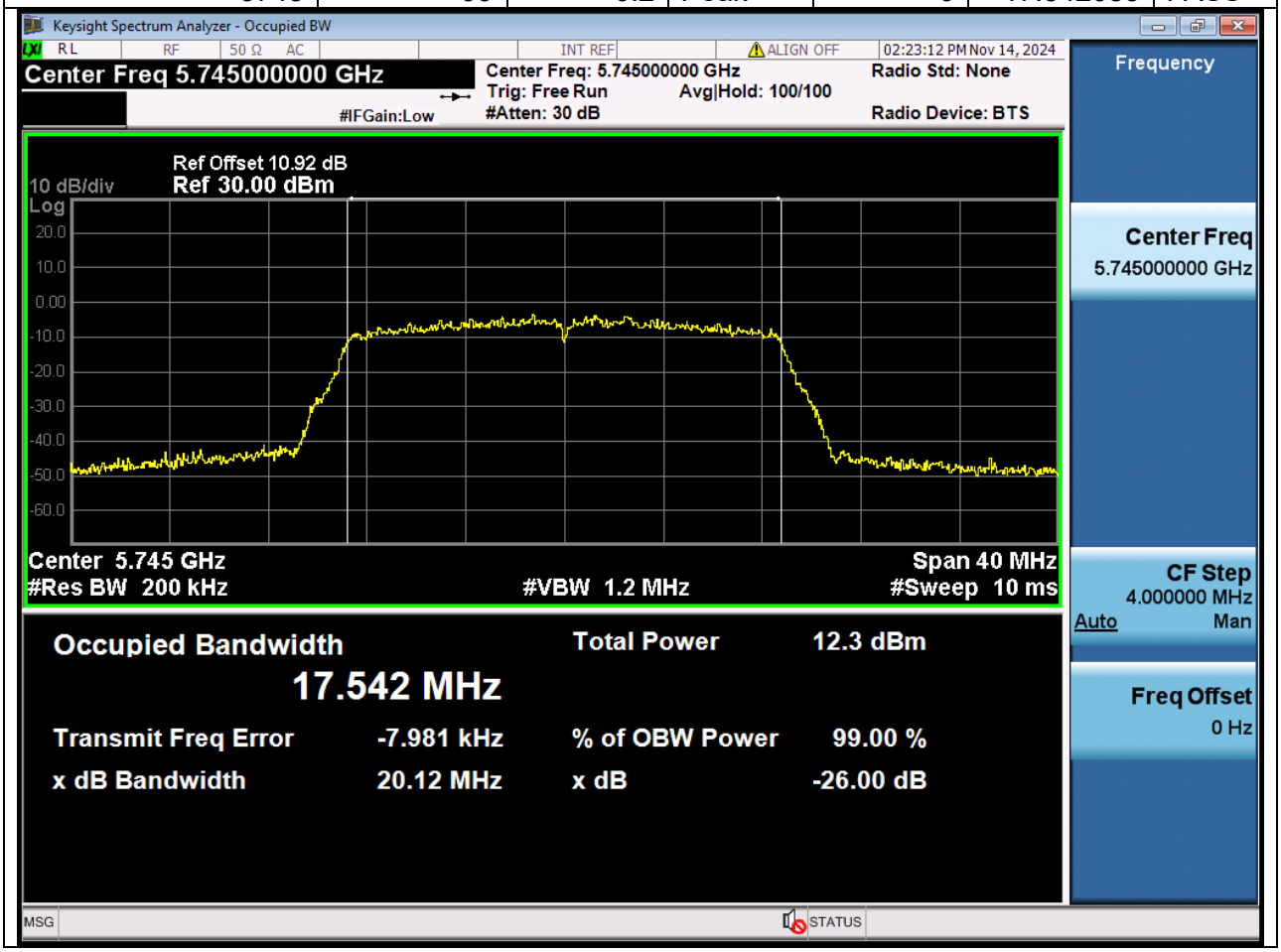
Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5795	99	0.39	Peak	0	35.931192	PASS



22. 802.11AC_BAND4_BW20MHZ

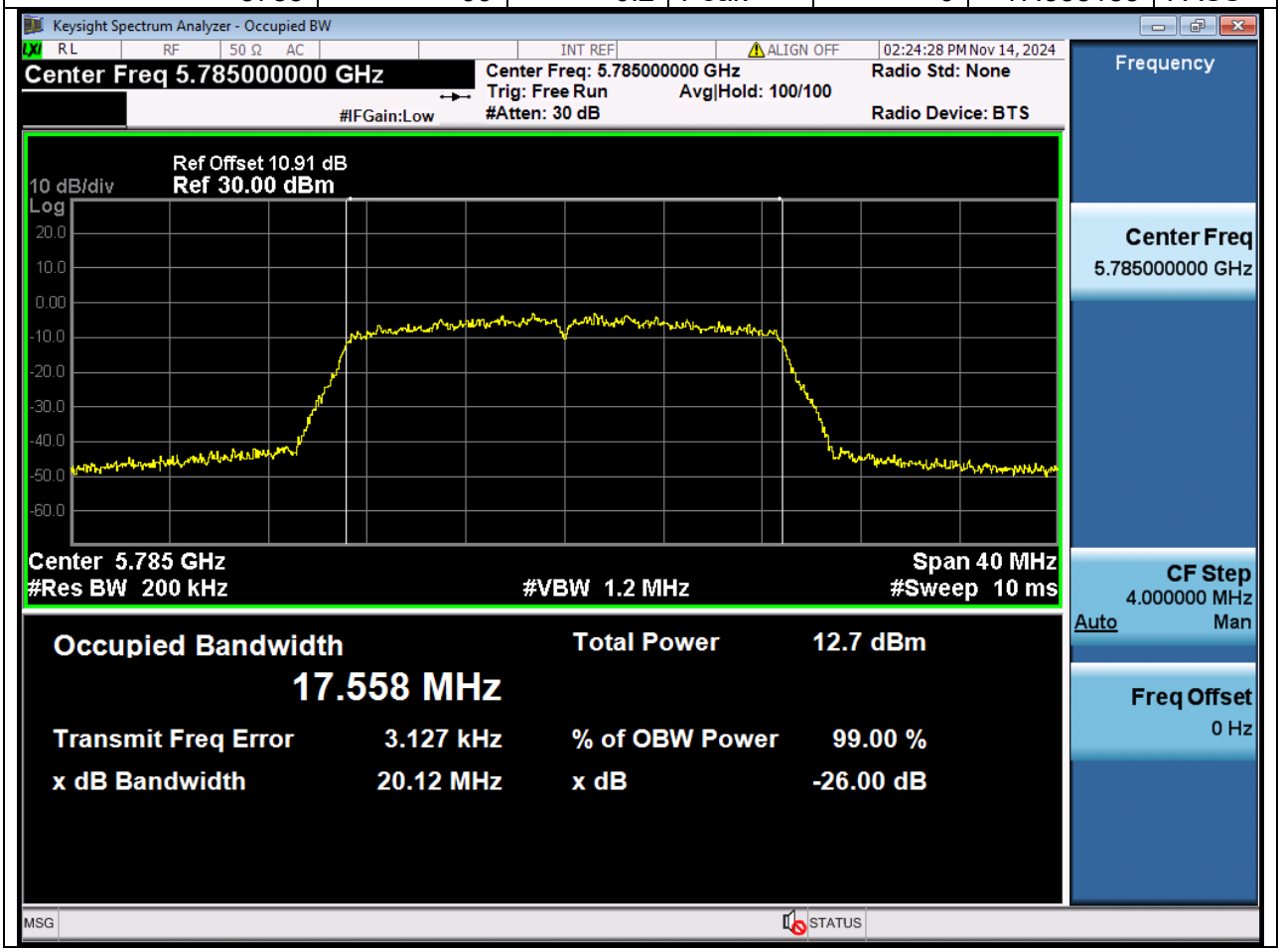
22.1. A.2.2-99% BANDWIDTH(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5745	99	0.2	Peak	0	17.542083	PASS



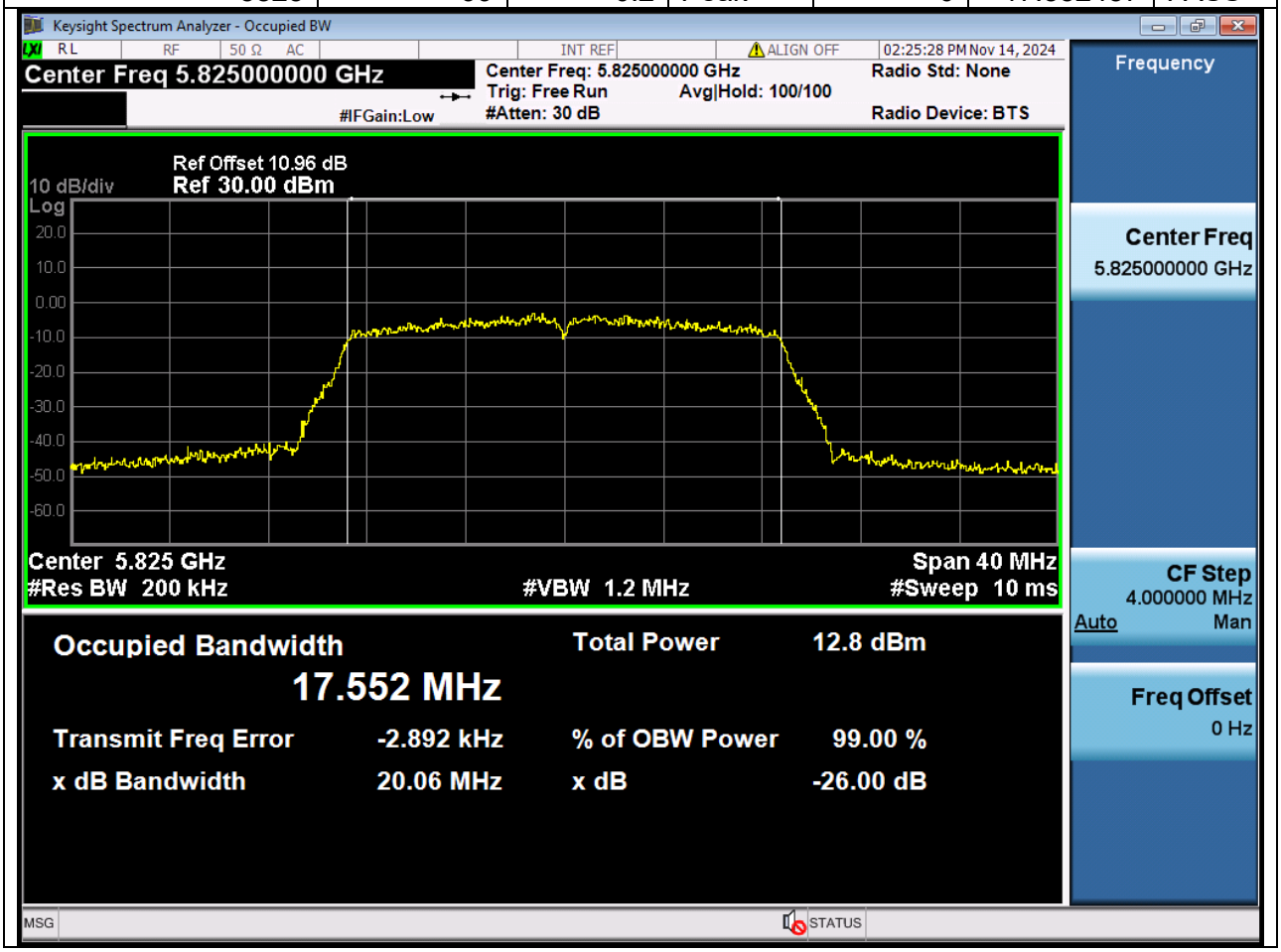
22.2. A.2.2-99% BANDWIDTH(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5785	99	0.2	Peak	0	17.558185	PASS



22.3. A.2.2-99% BANDWIDTH(NTNV)

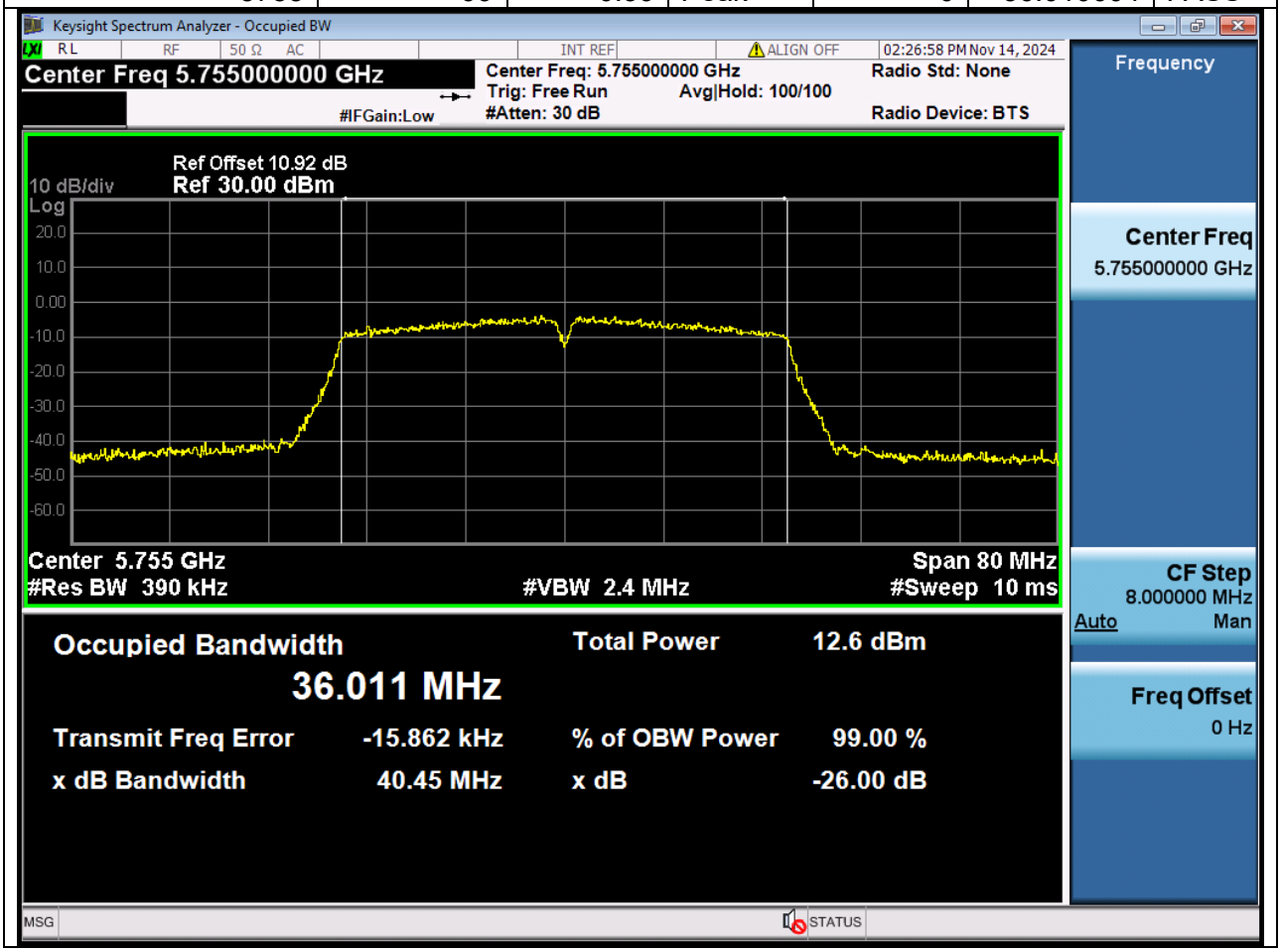
Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5825	99	0.2	Peak	0	17.552457	PASS



23. 802.11AC_BAND4_BW40MHZ

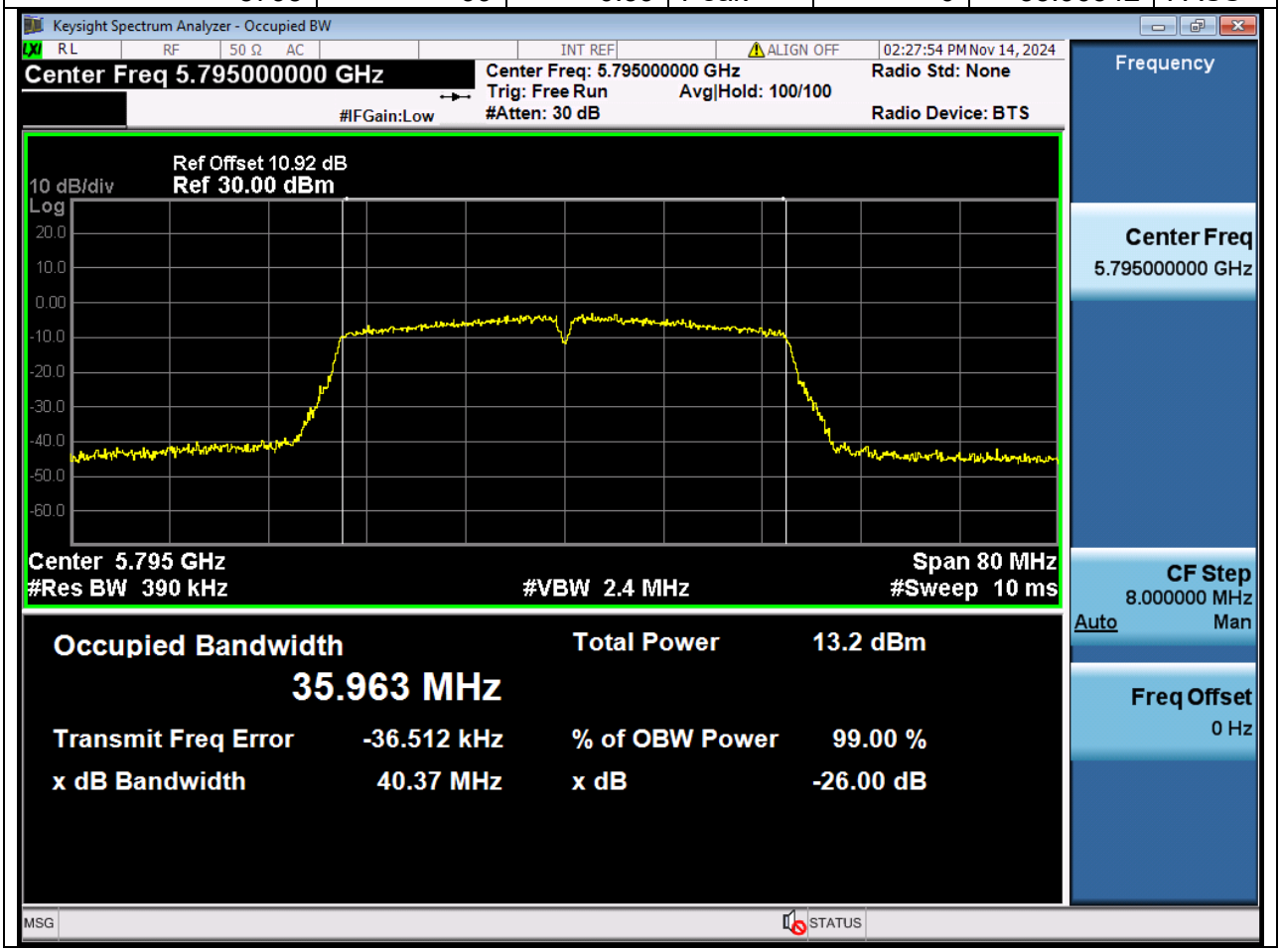
23.1. A.2.2-99% BANDWIDTH(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5755	99	0.39	Peak	0	36.010604	PASS



23.2. A.2.2-99% BANDWIDTH(NTNV)

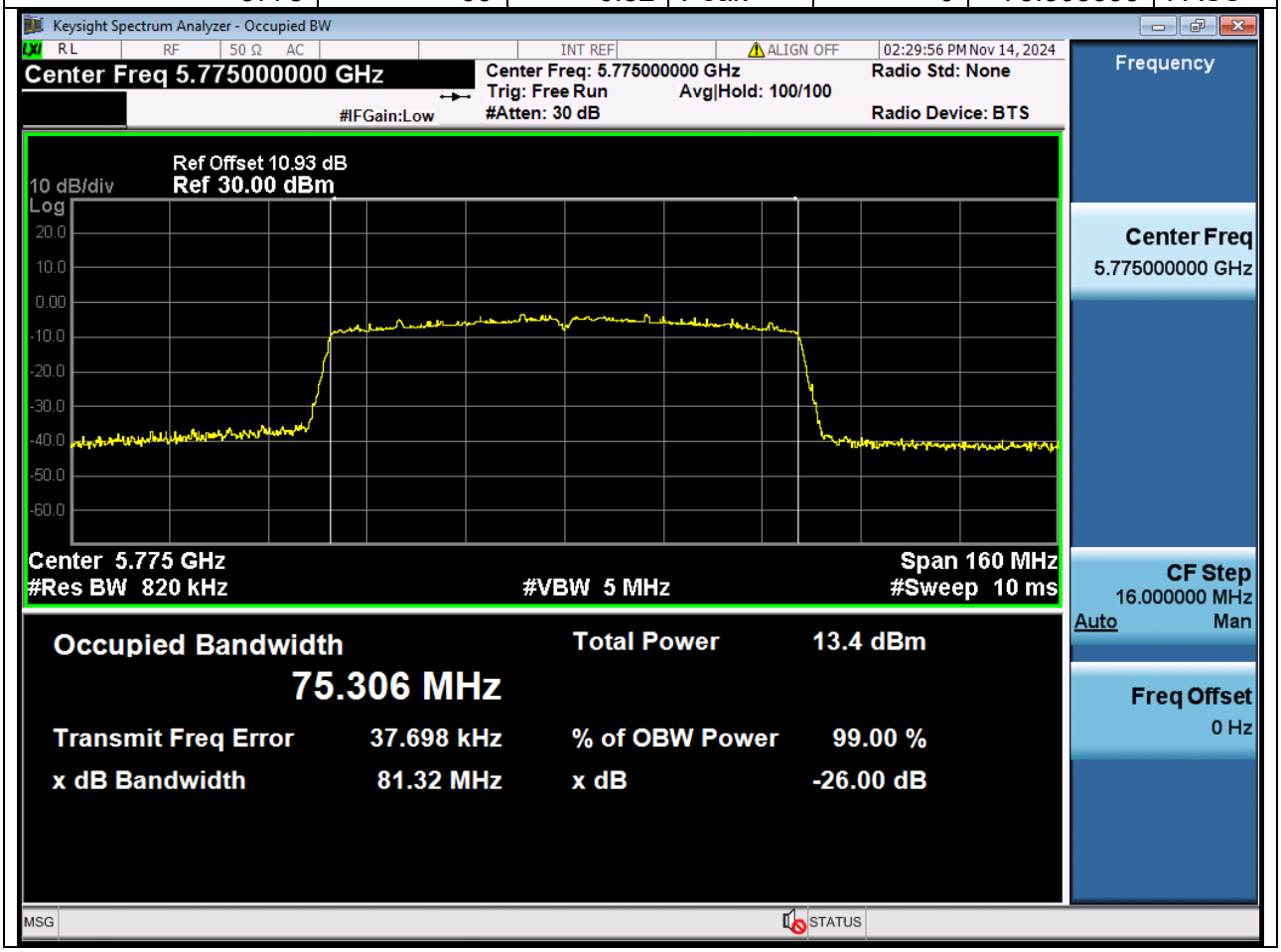
Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5795	99	0.39	Peak	0	35.96342	PASS



24. 802.11AC_BAND4_BW80MHZ

24.1. A.2.2-99% BANDWIDTH(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (MHz)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5775	99	0.82	Peak	0	75.305593	PASS



ANNEX A. RMS POWER SPECTRAL DENSITY (PSD)

1. 802.11A_BAND1_BW20MHZ

1.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5181.133333	-3.983

1.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5221.133333	-3.765

1.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5241	-3.598

2. 802.11N_BAND1_BW20MHZ

2.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

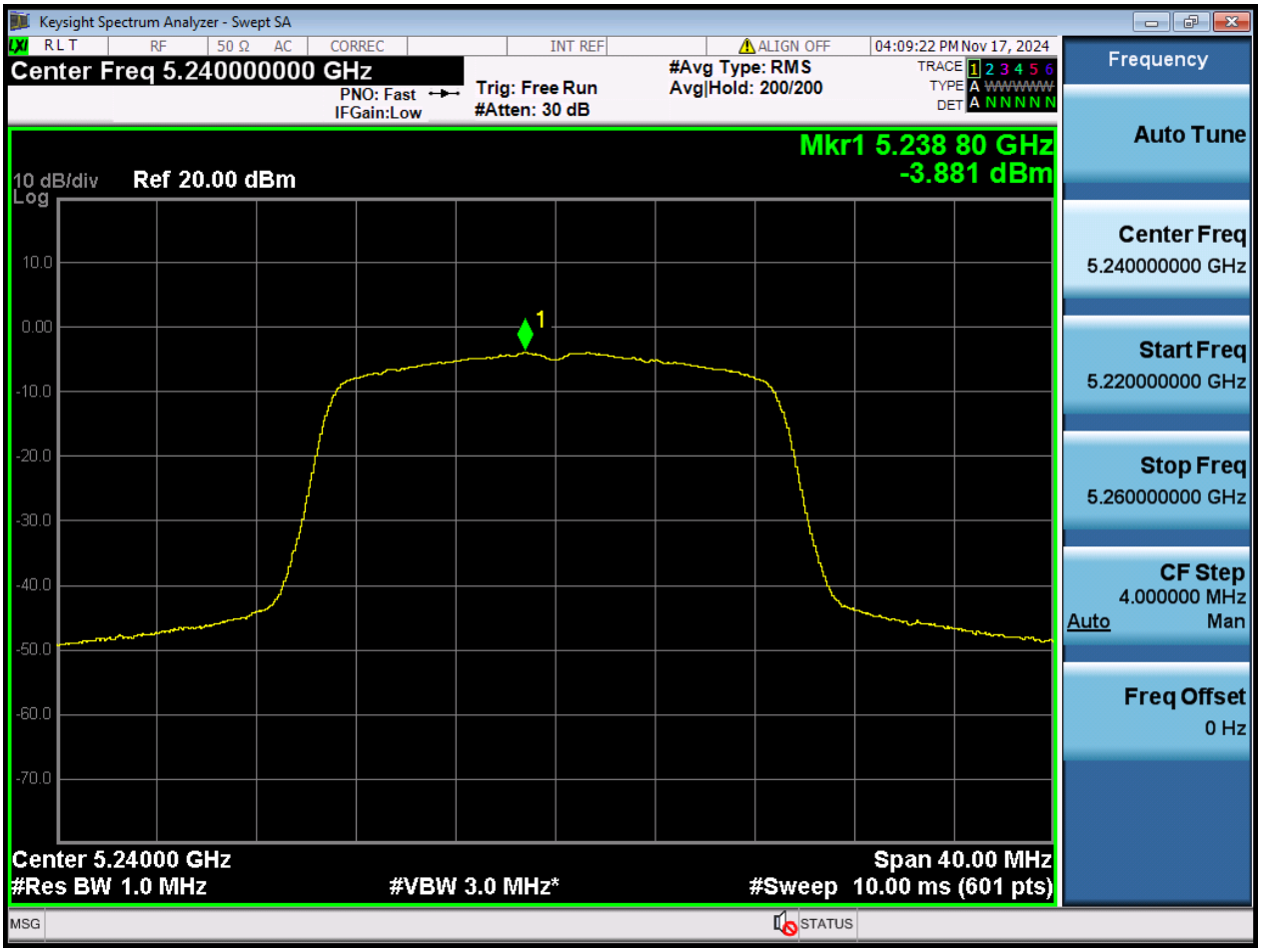
Frequency(MHz)	Level(dBm/ MHz)
5180.866667	-4.159

2.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5220.933333	-4.06

2.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

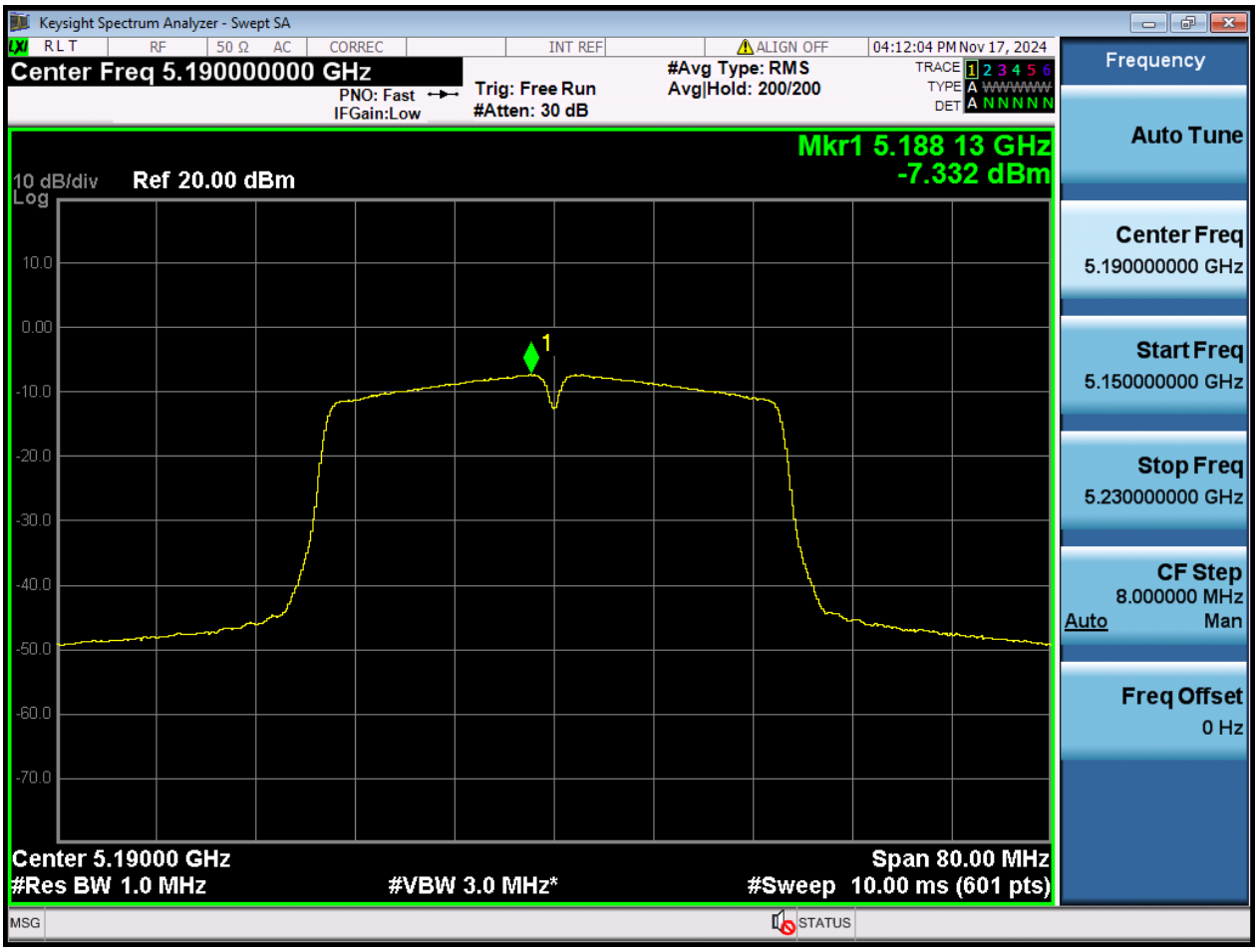
Frequency(MHz)	Level(dBm/ MHz)
5238.8	-3.881



3. 802.11N_BAND1_BW40MHZ

3.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5188.133333	-7.332



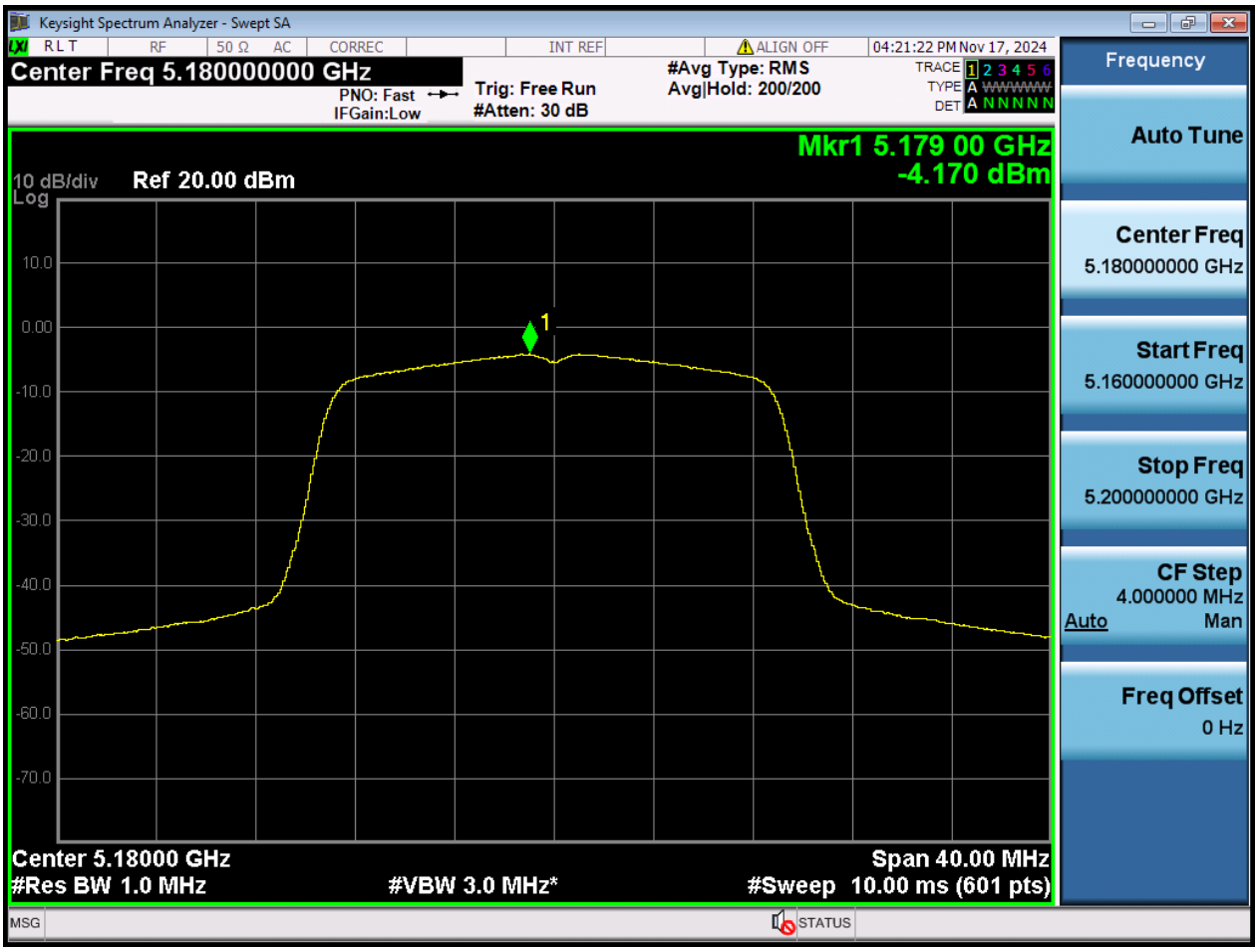
3.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5232.133333	-7.104

4. 802.11AC_BAND1_BW20MHZ

4.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5179	-4.17



4.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5220.933333	-4.064

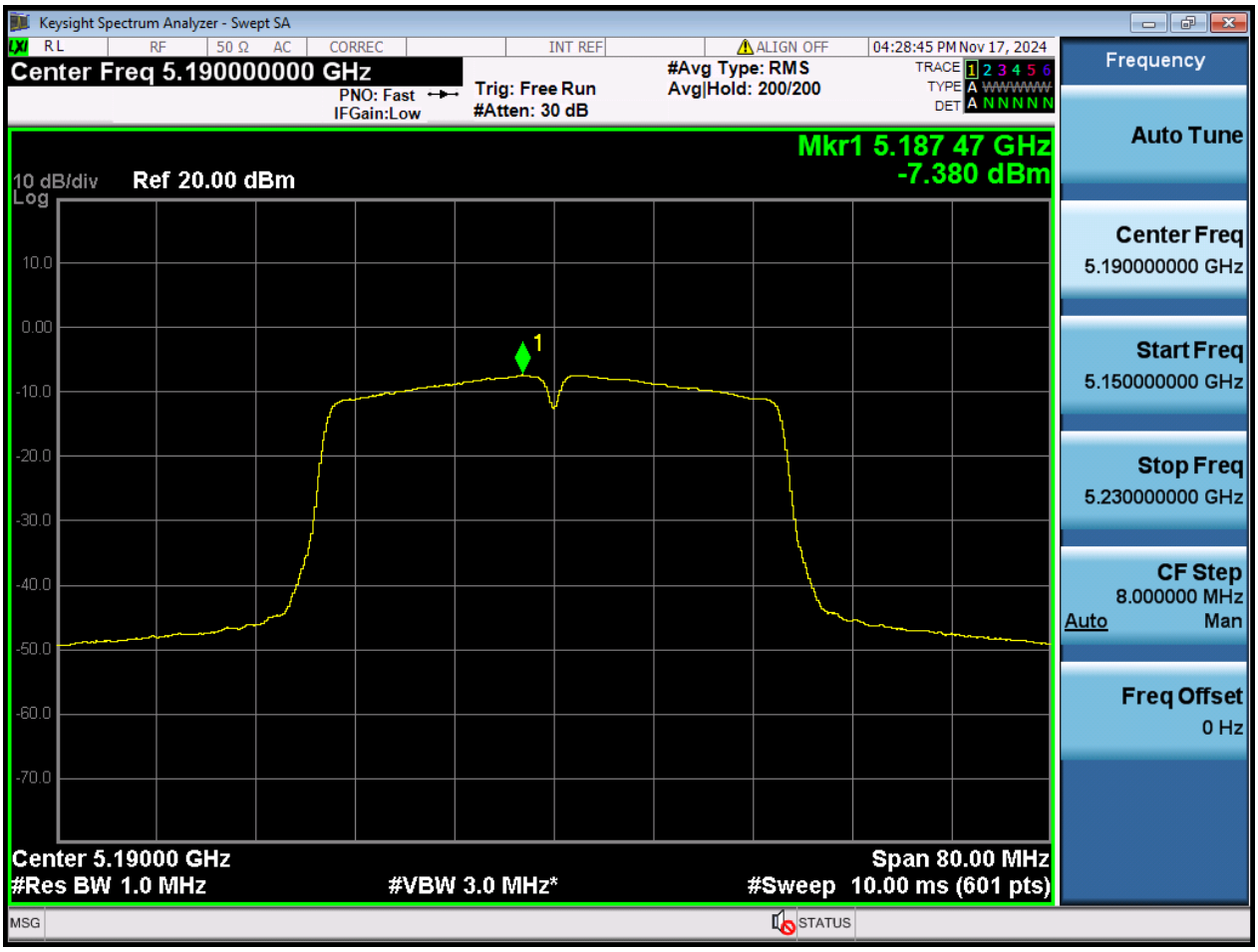
4.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5241.066667	-3.987

5. 802.11AC_BAND1_BW40MHZ

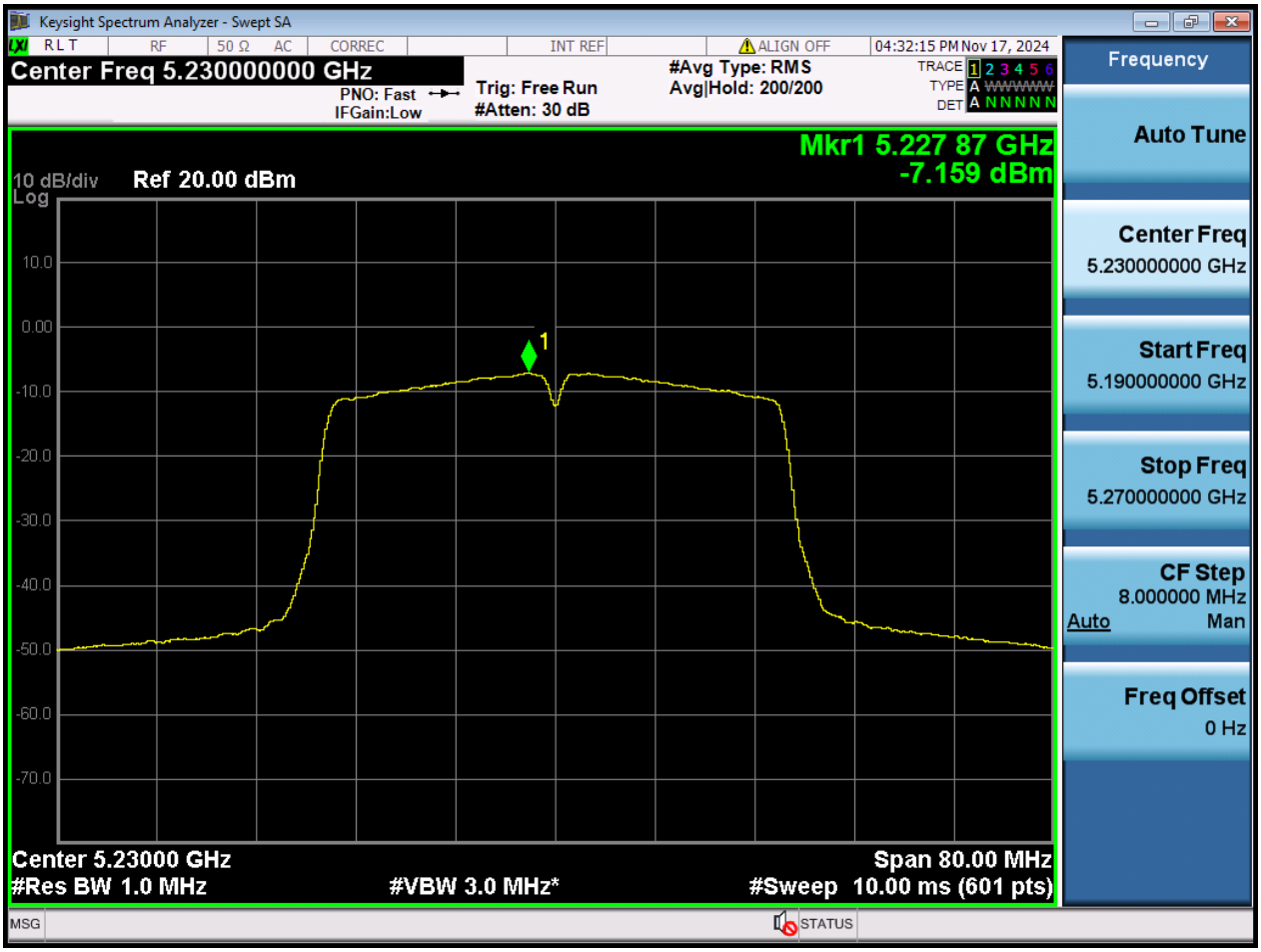
5.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5187.466667	-7.38



5.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5227.866667	-7.159



6. 802.11AC_BAND1_BW80MHZ

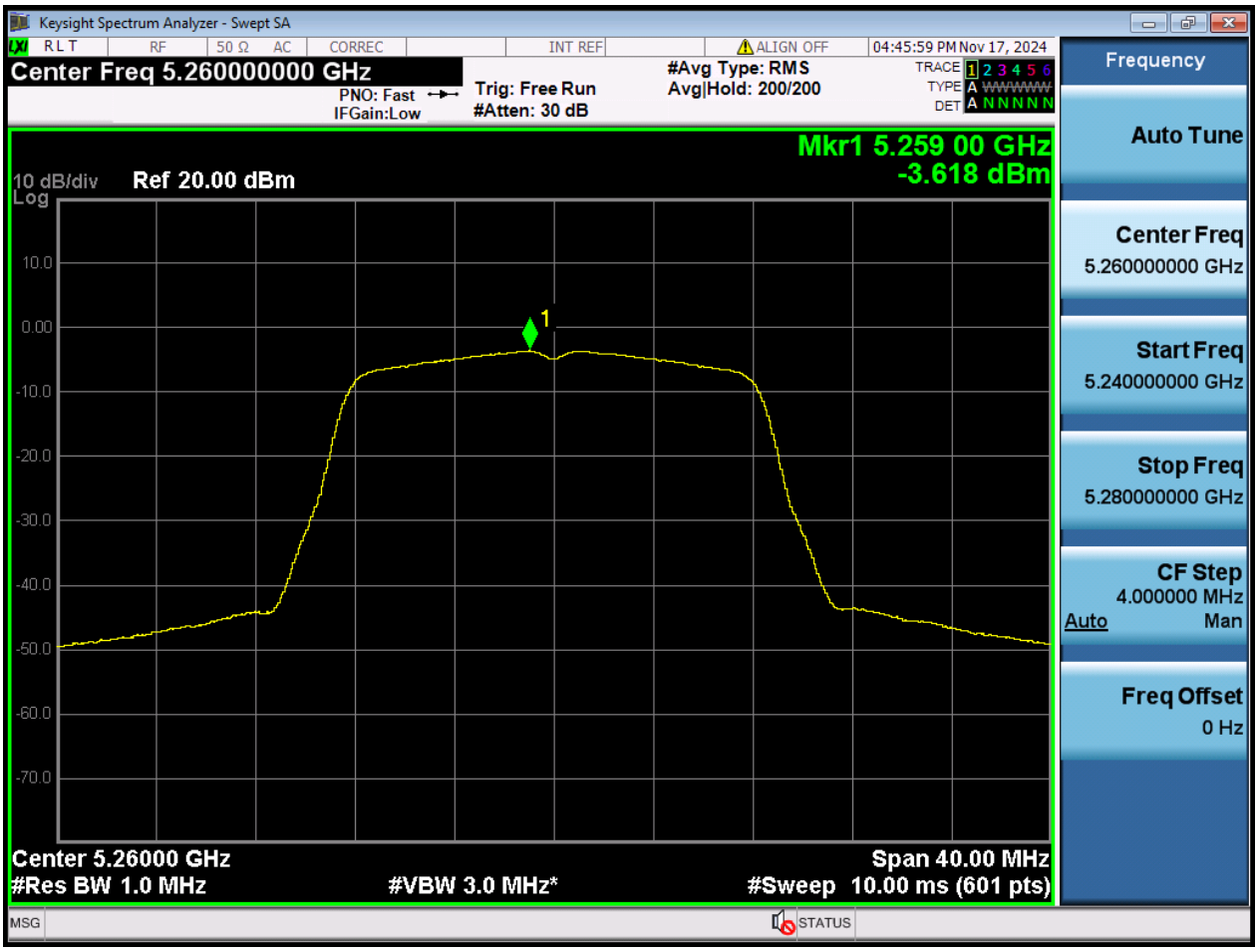
6.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5213.733333	-10.632

7. 802.11A_BAND2_BW20MHZ

7.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5259	-3.618

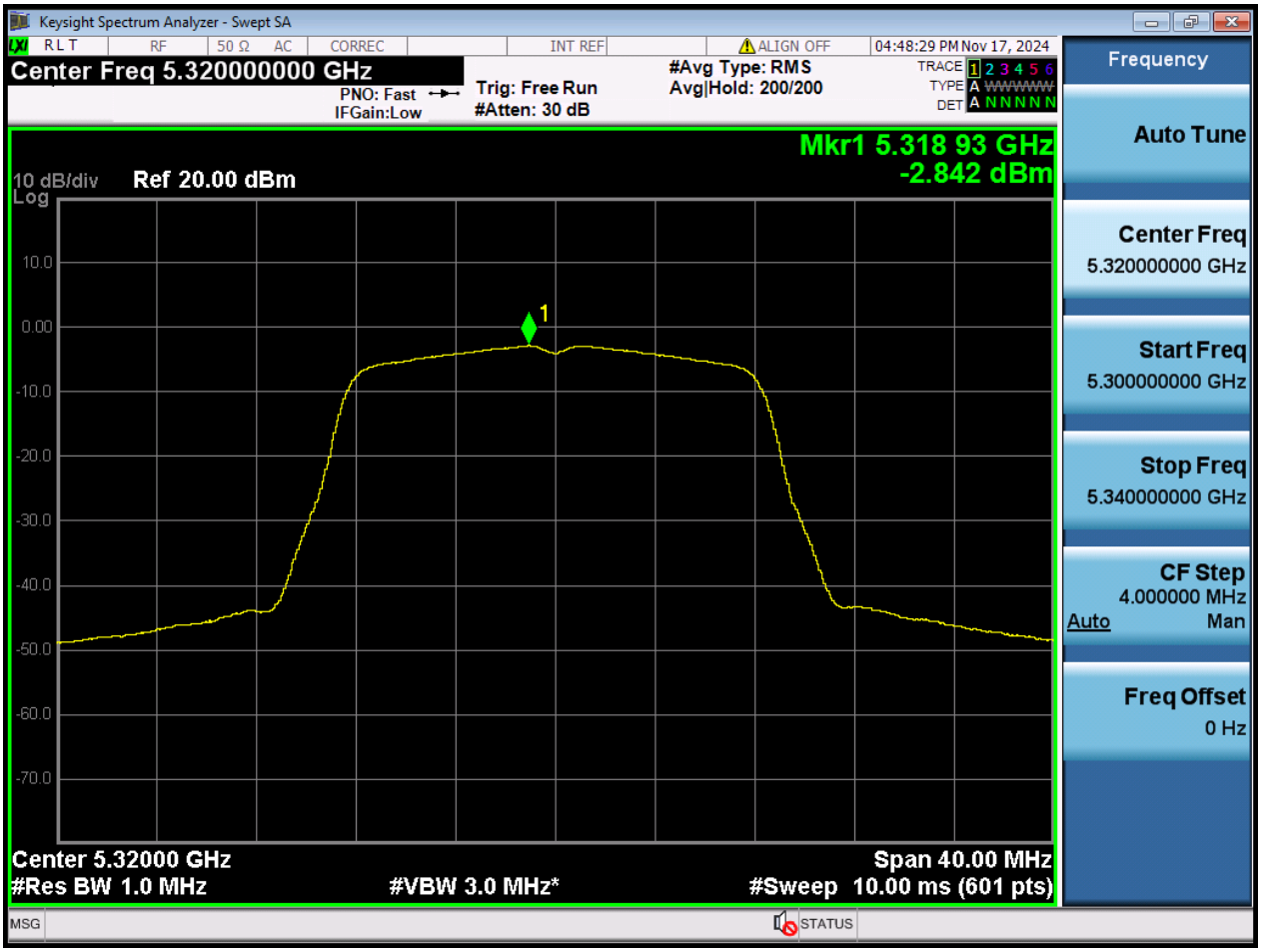


7.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5301.4	-3.204

7.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5318.933333	-2.842



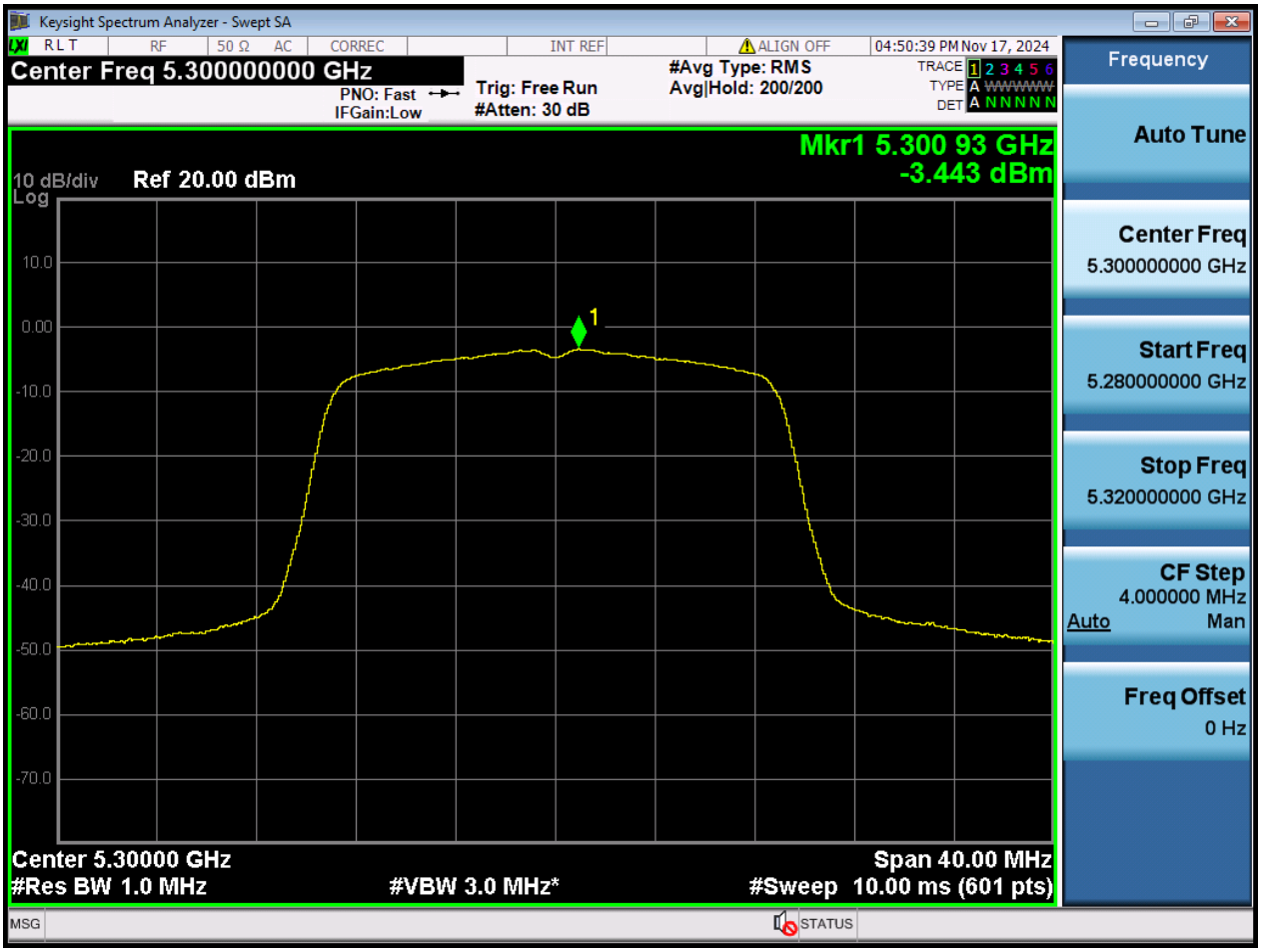
8. 802.11N_BAND2_BW20MHZ

8.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5261	-4.004

8.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5300.933333	-3.443



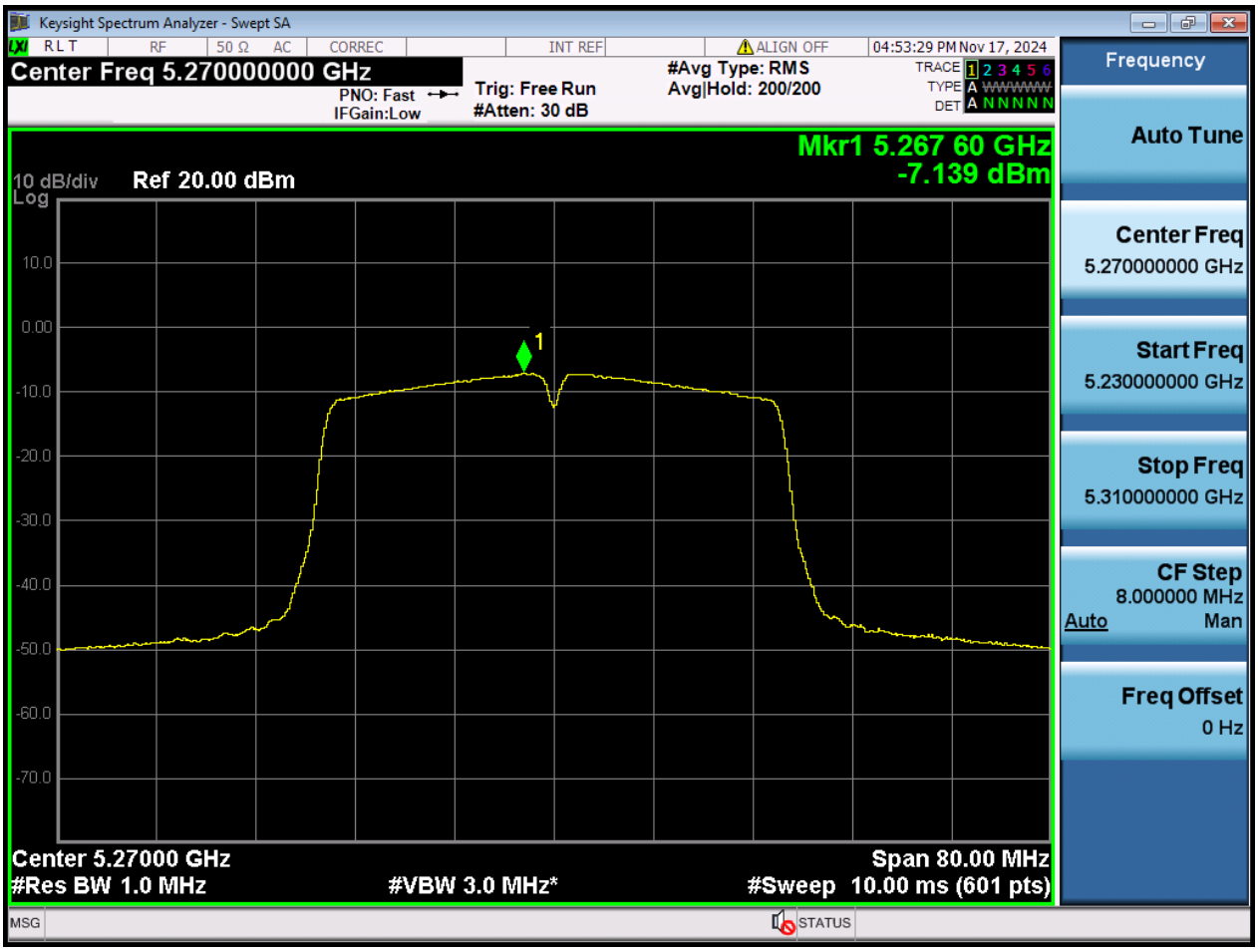
8.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5318.866667	-3.2

9. 802.11N_BAND2_BW40MHZ

9.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5267.6	-7.139



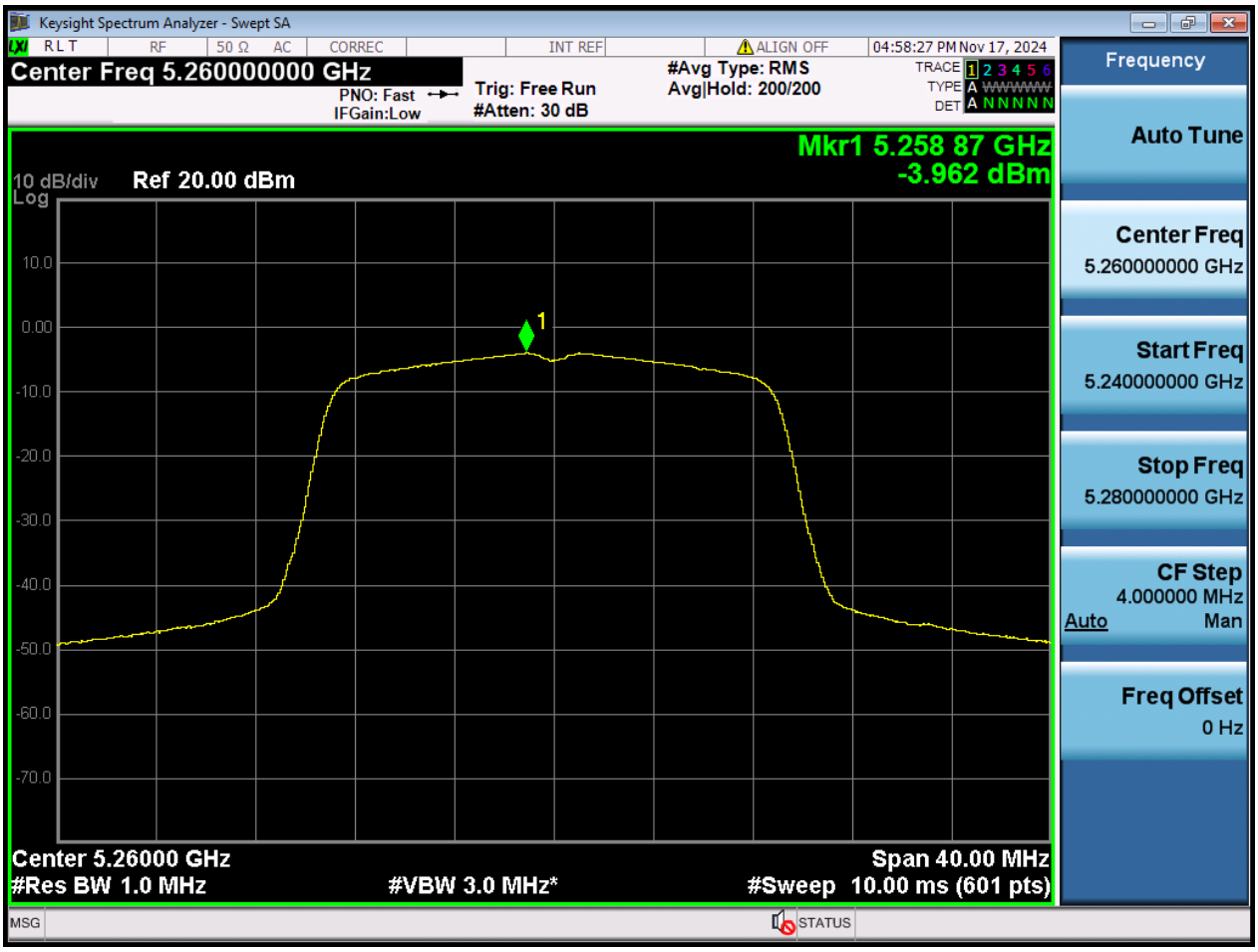
9.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5312.4	-6.318

10. 802.11AC_BAND2_BW20MHZ

10.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5258.866667	-3.962

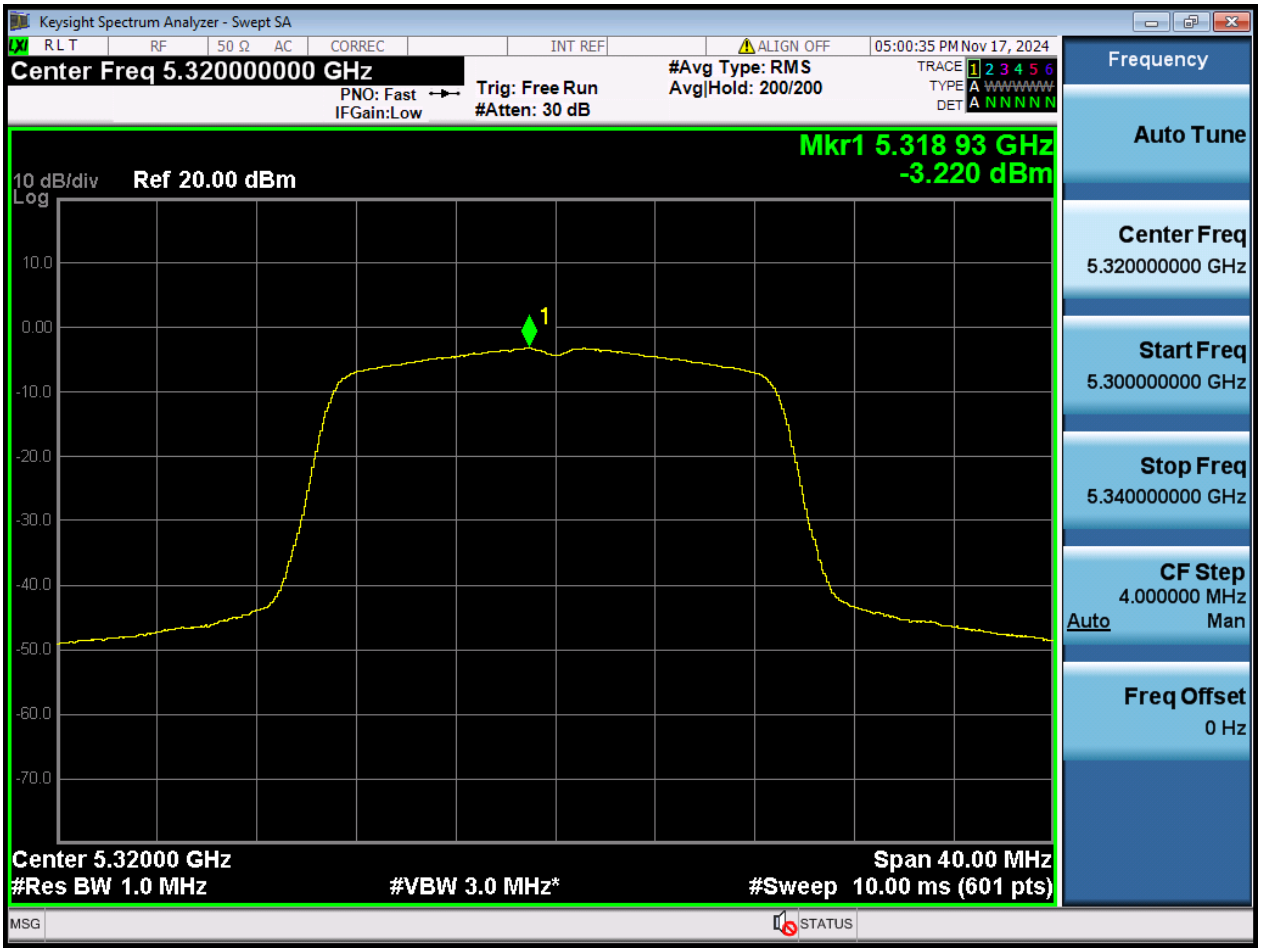


10.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5301.2	-3.474

10.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5318.933333	-3.22



11. 802.11AC_BAND2_BW40MHZ

11.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5272.4	-7.235

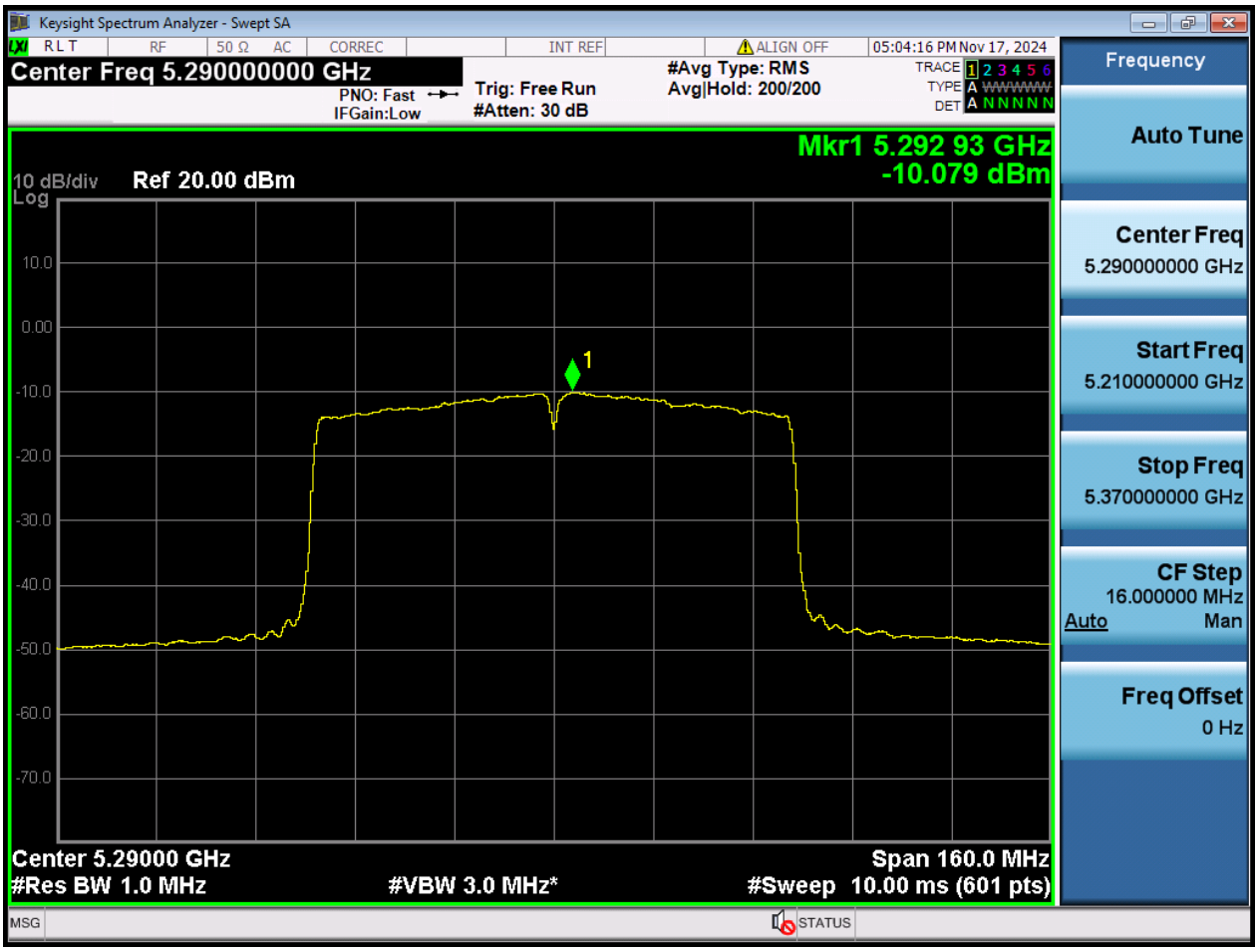
11.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5312	-6.28

12. 802.11AC_BAND2_BW80MHZ

12.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

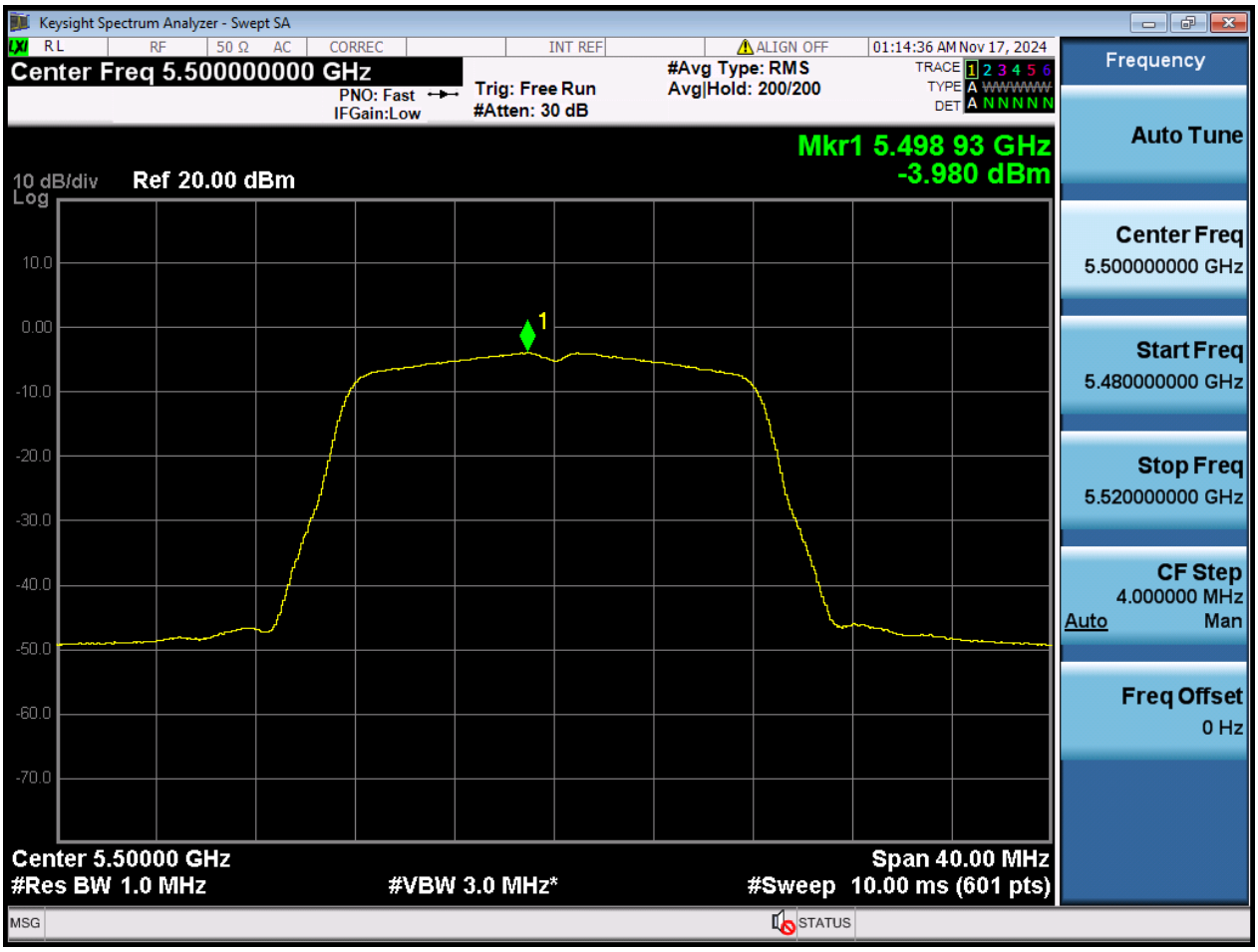
Frequency(MHz)	Level(dBm/ MHz)
5292.933333	-10.079



13. 802.11A_BAND3_BW20MHZ

13.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5498.933333	-3.98



13.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5581	-4.667

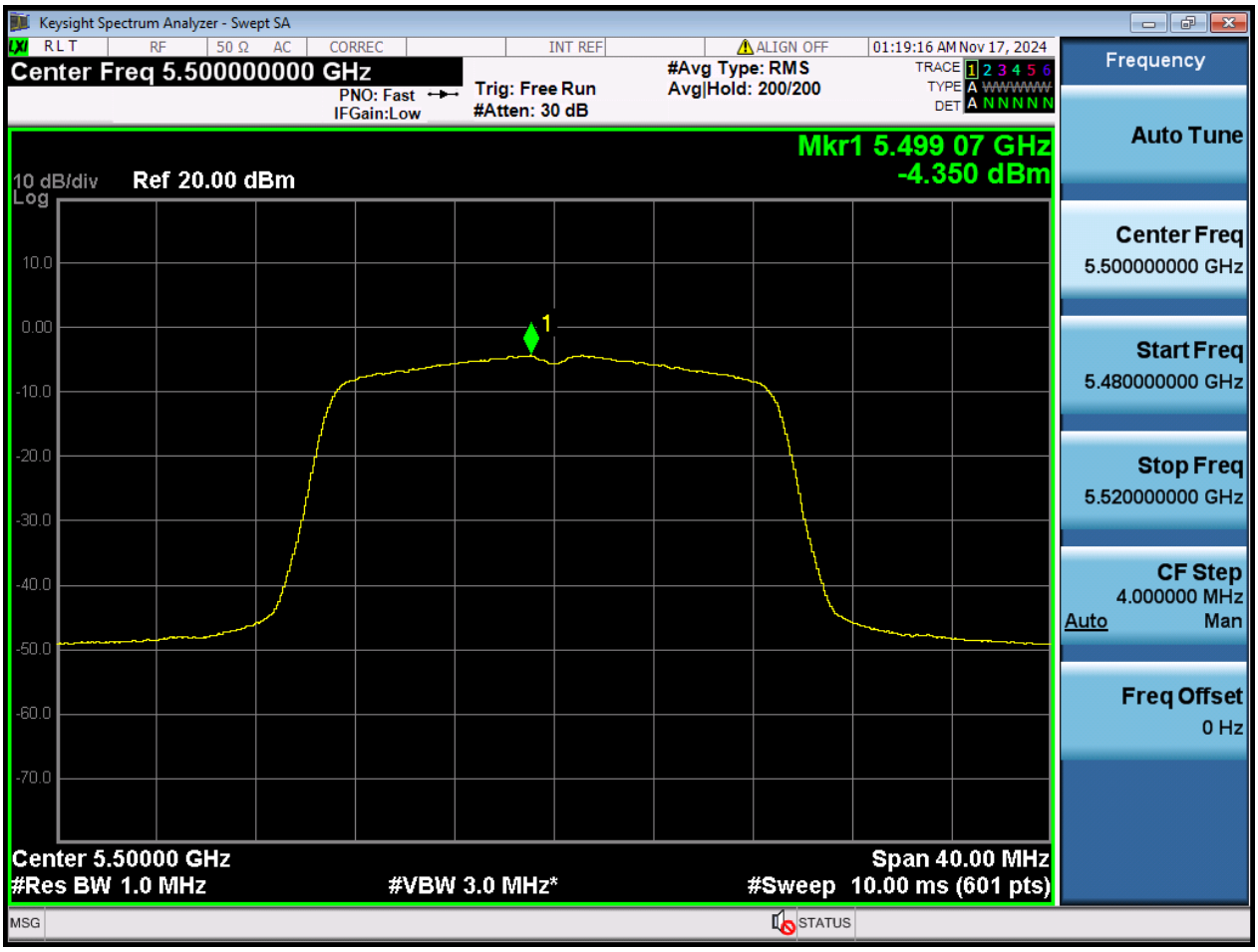
3.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5701.066667	-4.492

14. 802.11N_BAND3_BW20MHZ

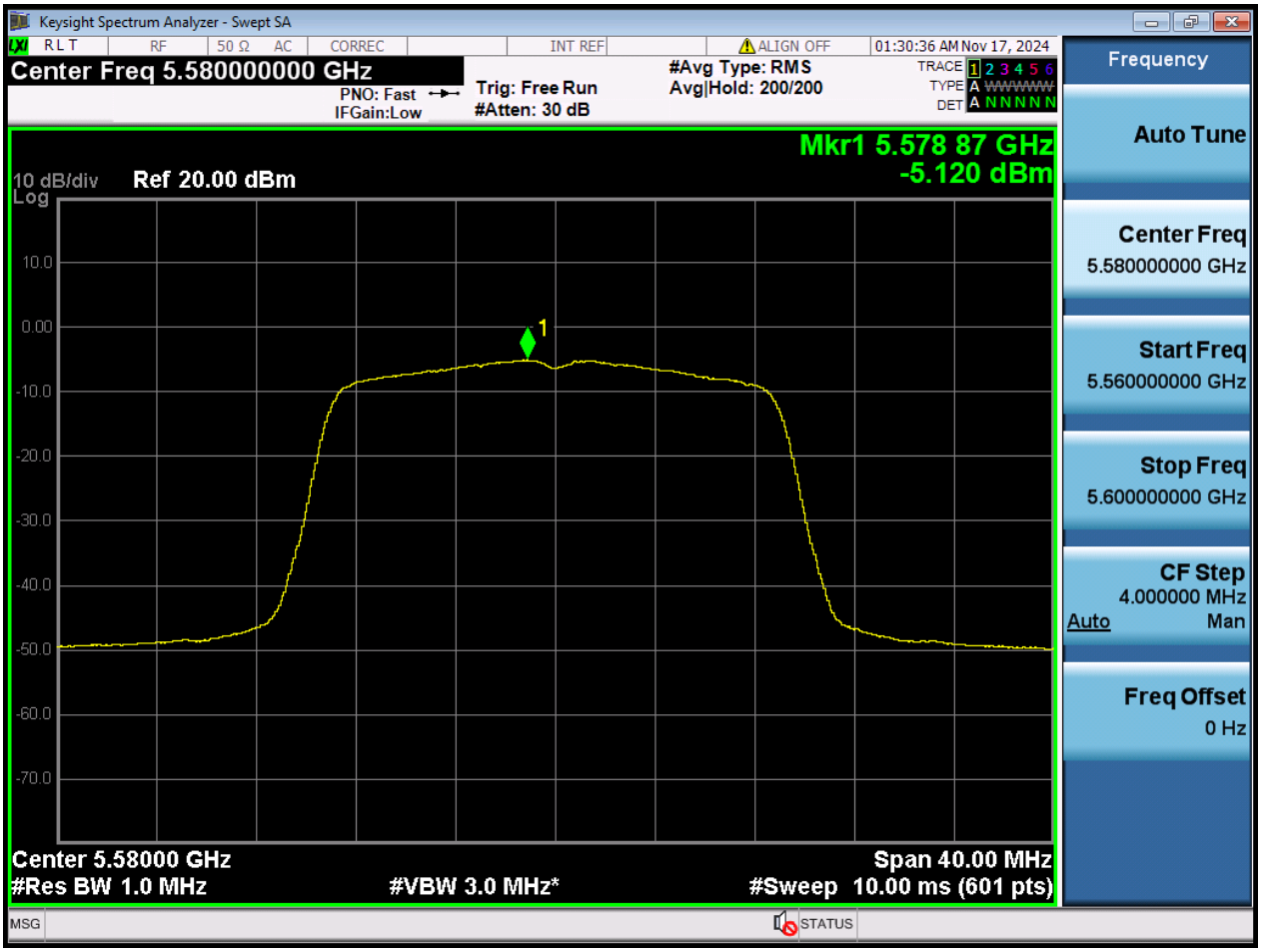
14.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5499.066667	-4.35



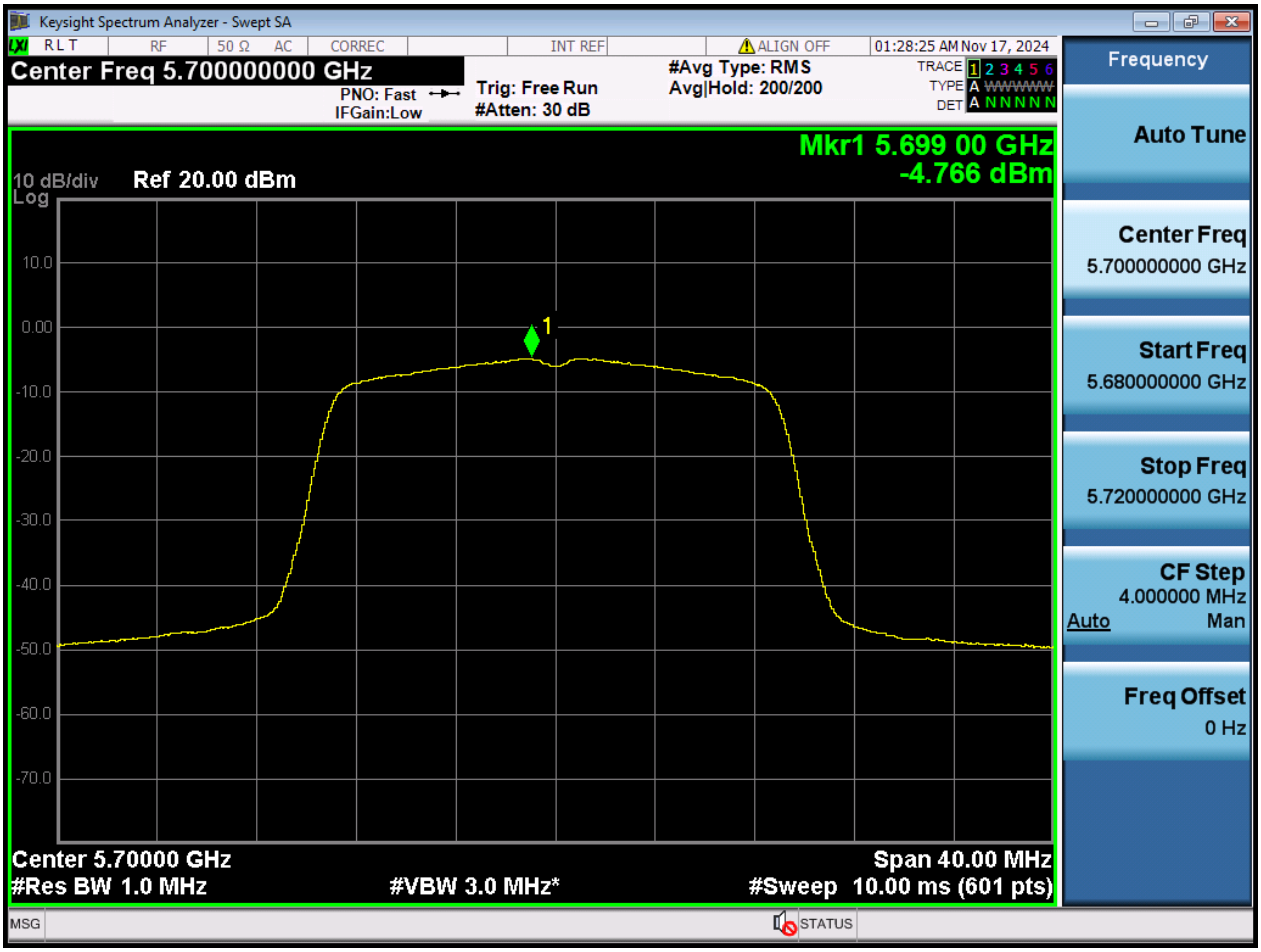
14.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5578.866667	-5.12



14.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

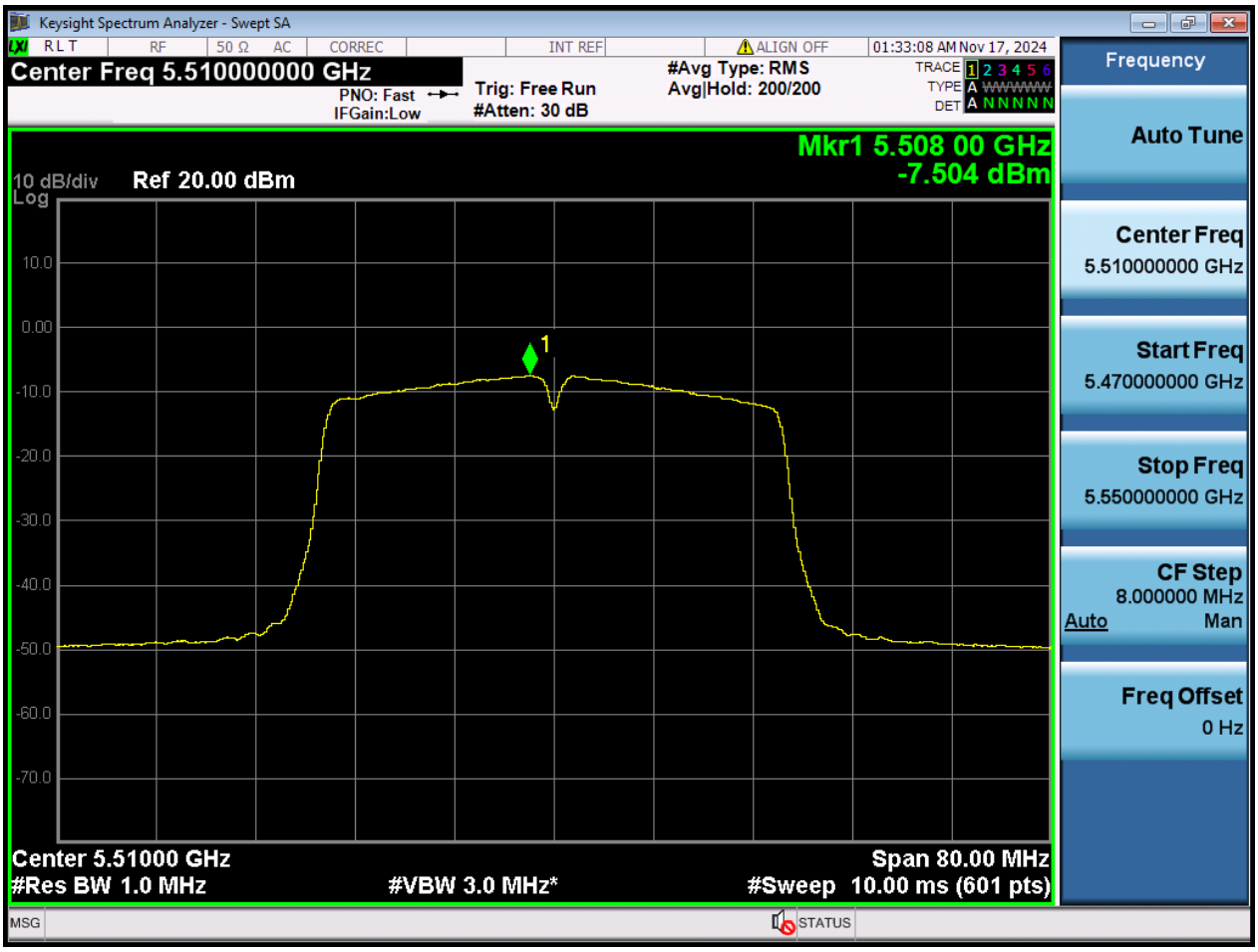
Frequency(MHz)	Level(dBm/ MHz)
5699	-4.766



15. 802.11N_BAND3_BW40MHZ

15.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5508	-7.504

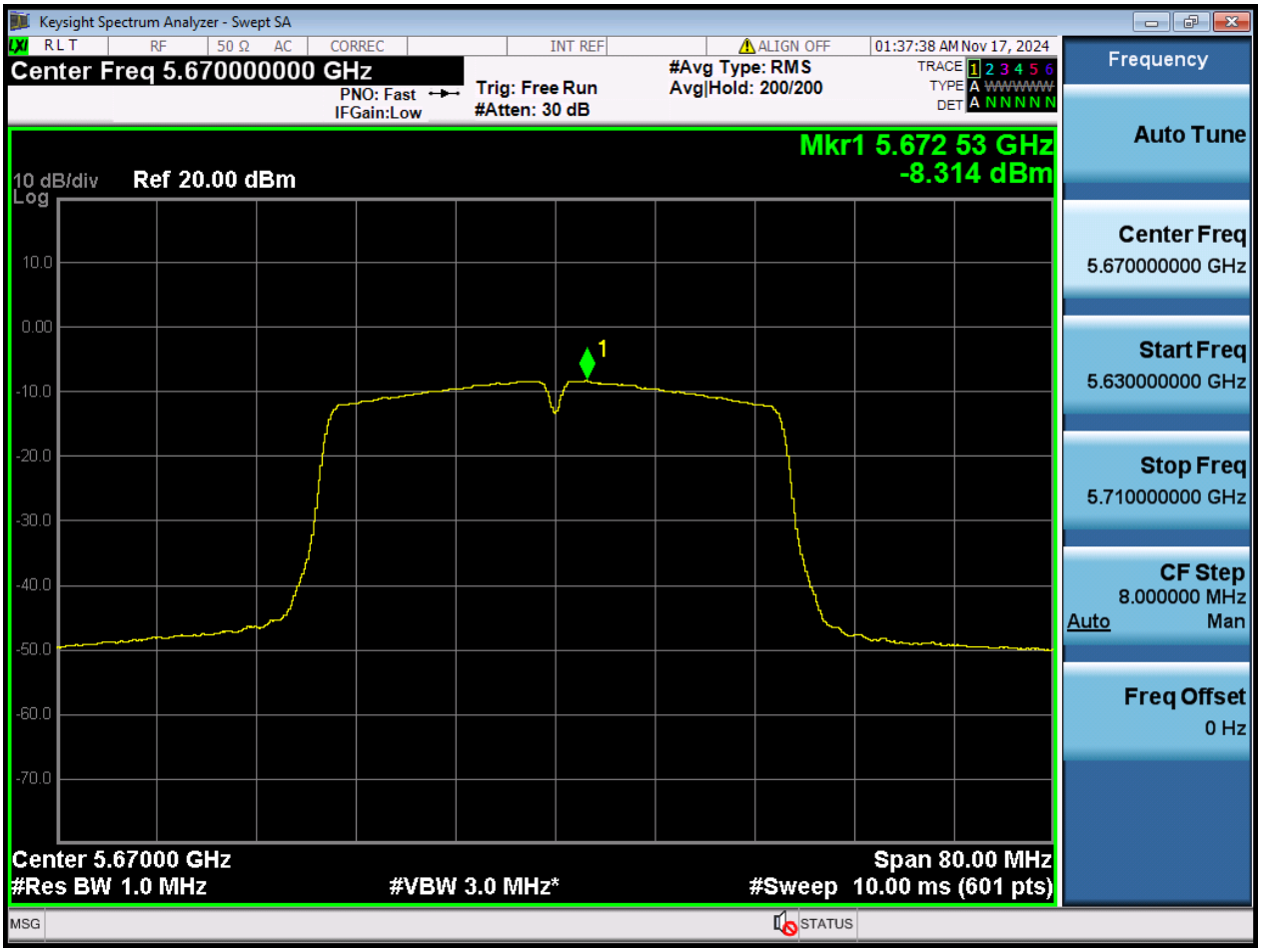


15.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5591.6	-8.1

15.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5672.533333	-8.314



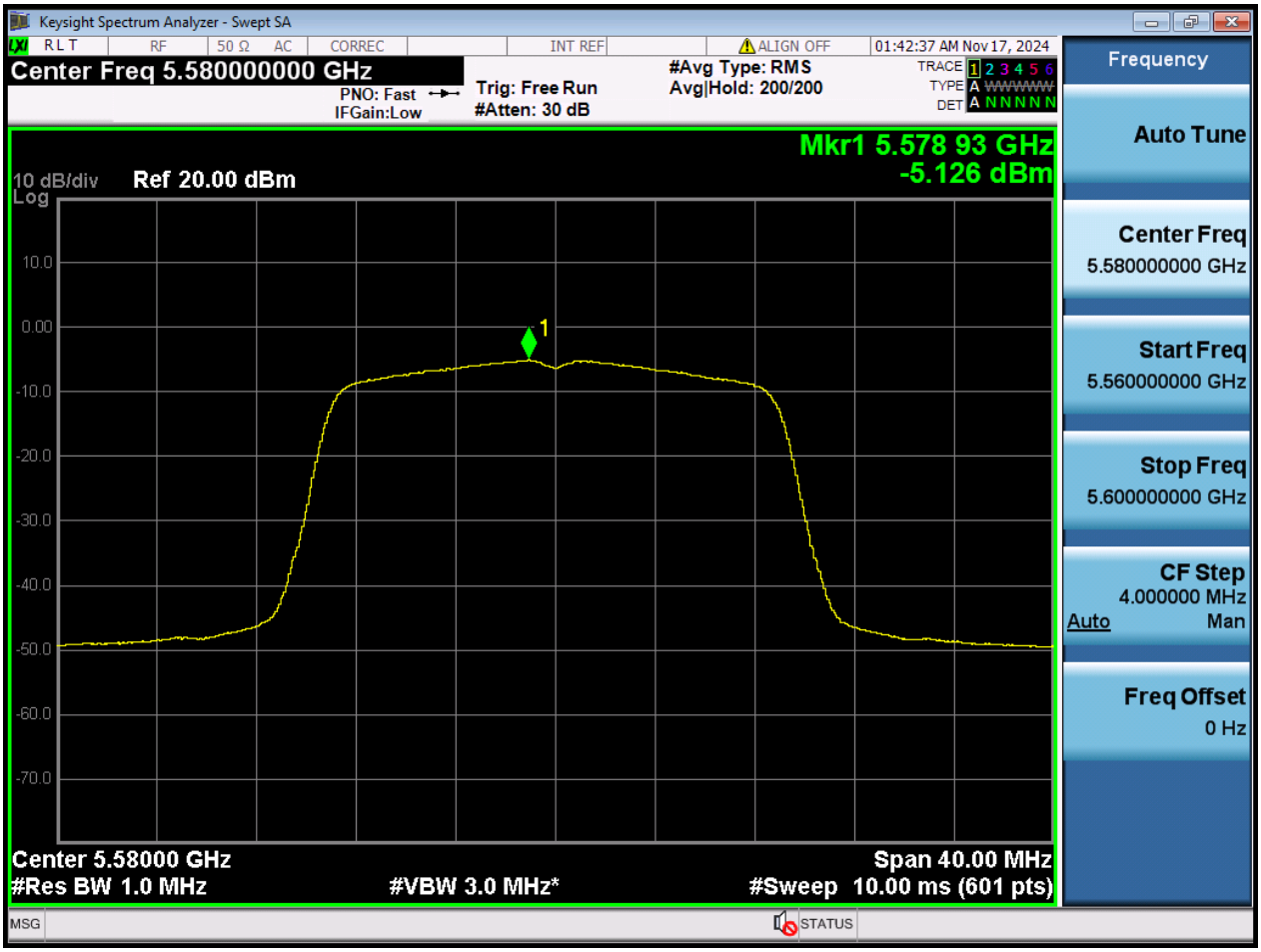
16. 802.11AC_BAND3_BW20MHZ

16.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5501.066667	-4.321

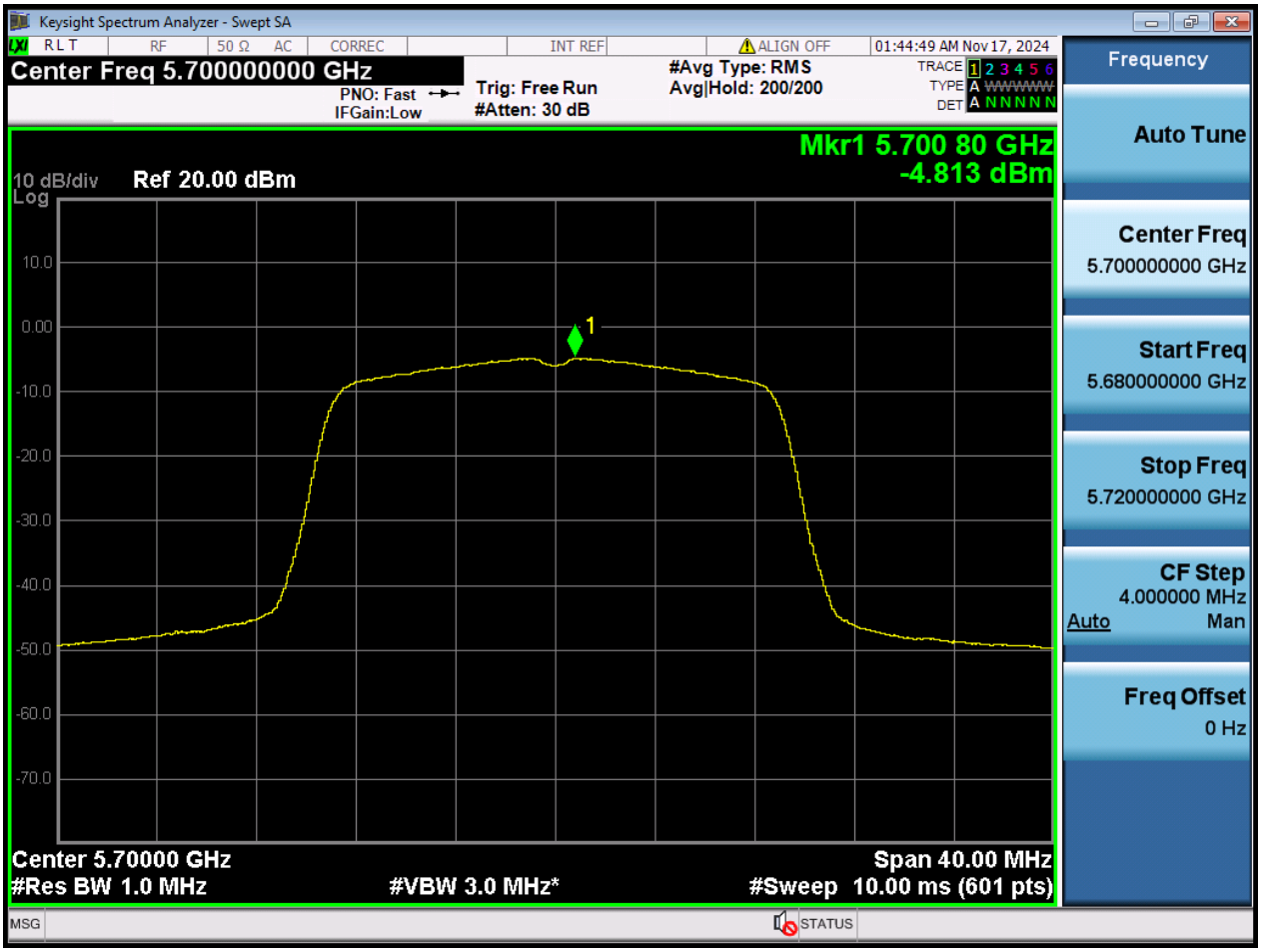
16.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5578.933333	-5.126



16.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

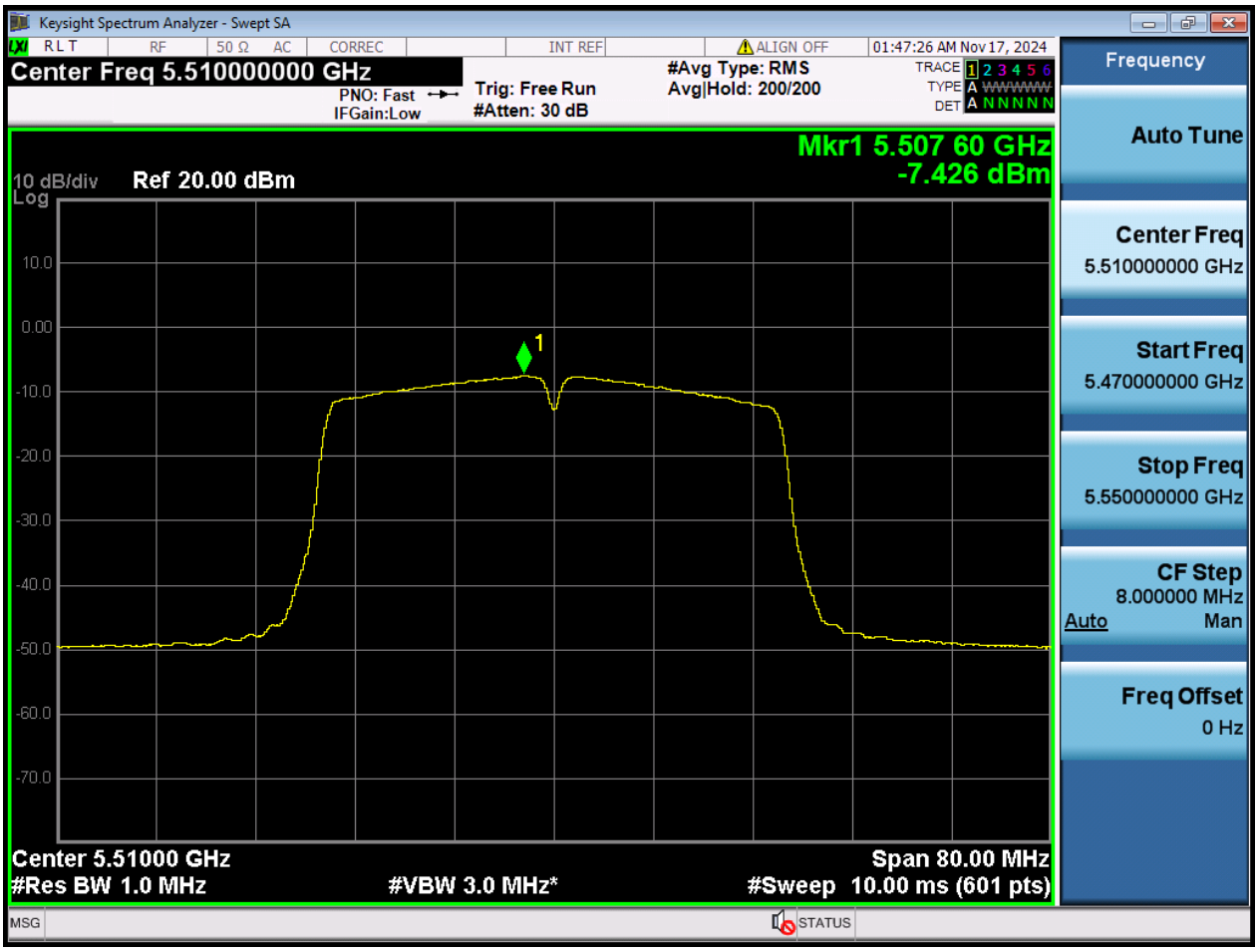
Frequency(MHz)	Level(dBm/ MHz)
5700.8	-4.813



17. 802.11AC_BAND3_BW40MHZ

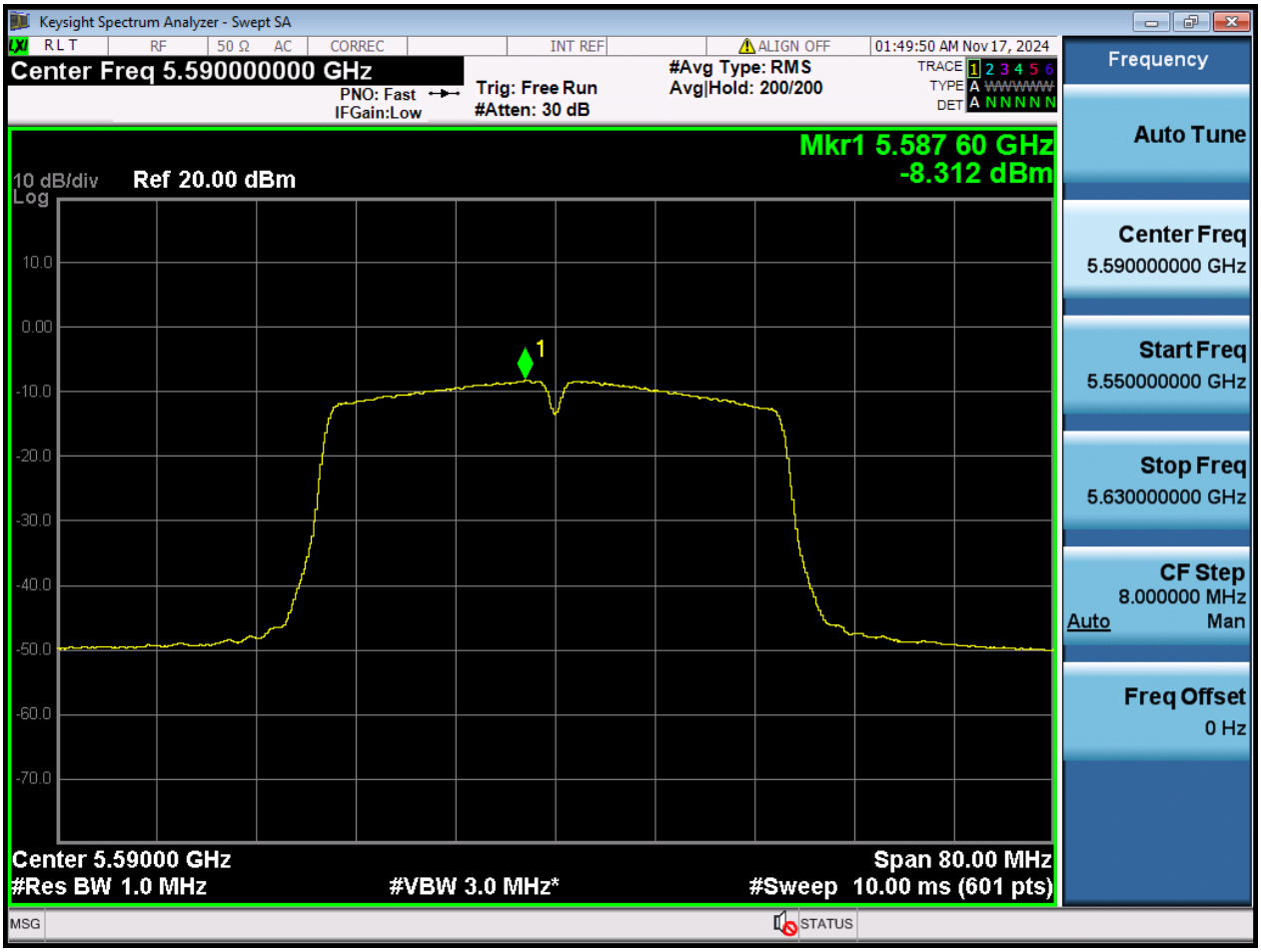
17.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5507.6	-7.426



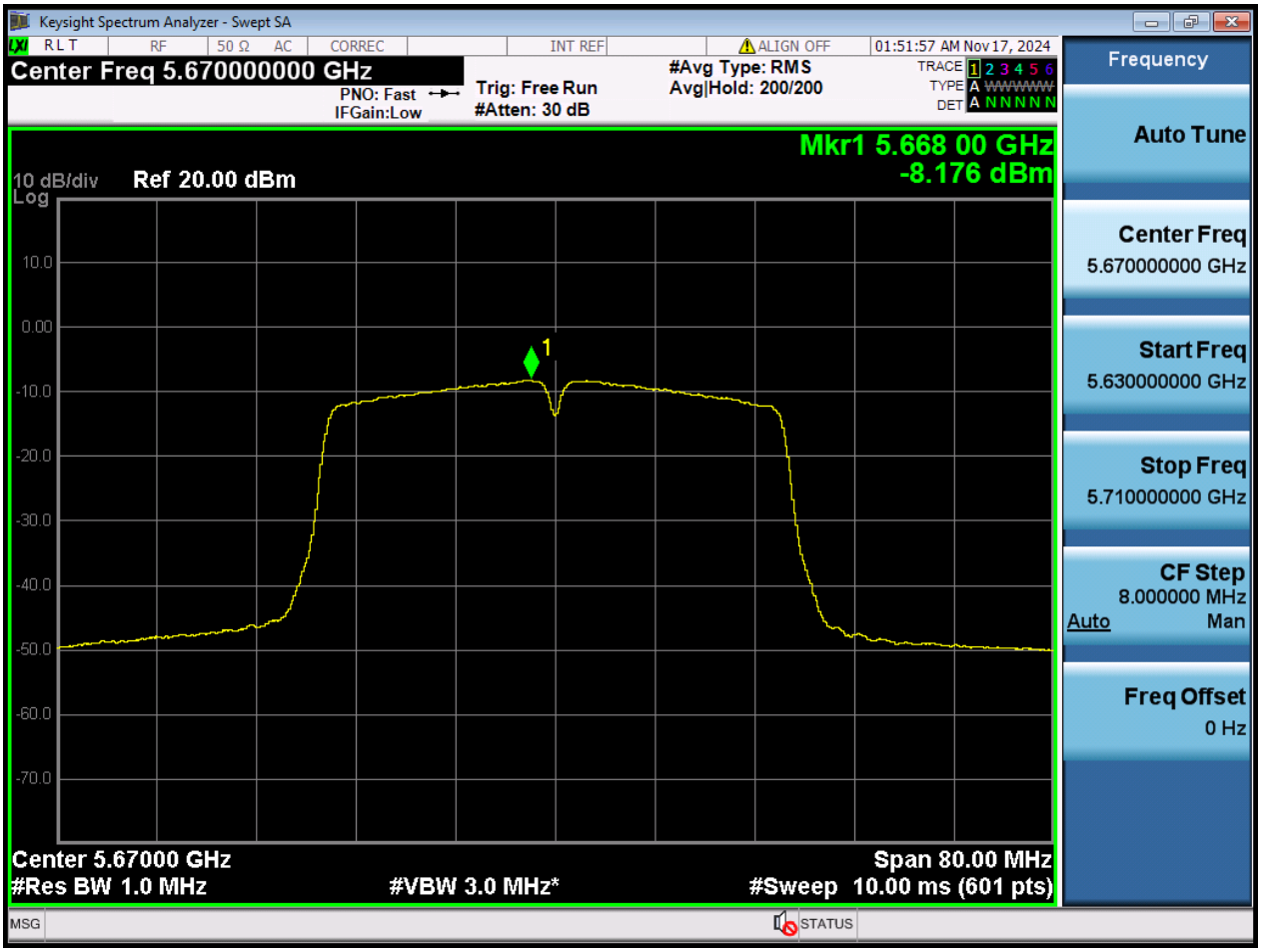
17.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5587.6	-8.312



17.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5668	-8.176



18. 802.11AC_BAND3_BW80MHZ

18.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5527.866667	-11.304

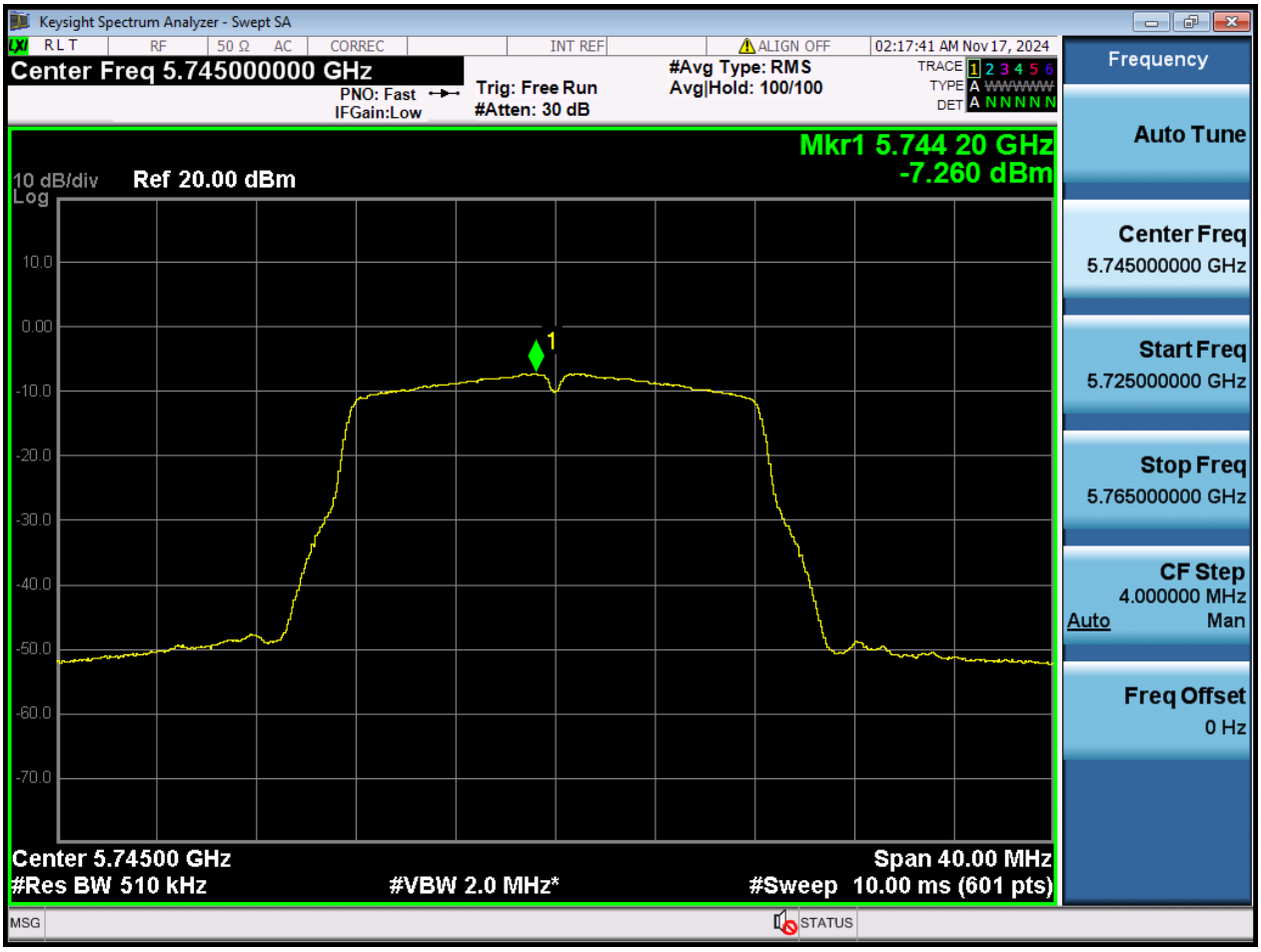
18.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ MHz)
5607.6	-11.732

19. 802.11A_BAND4_BW20MHZ

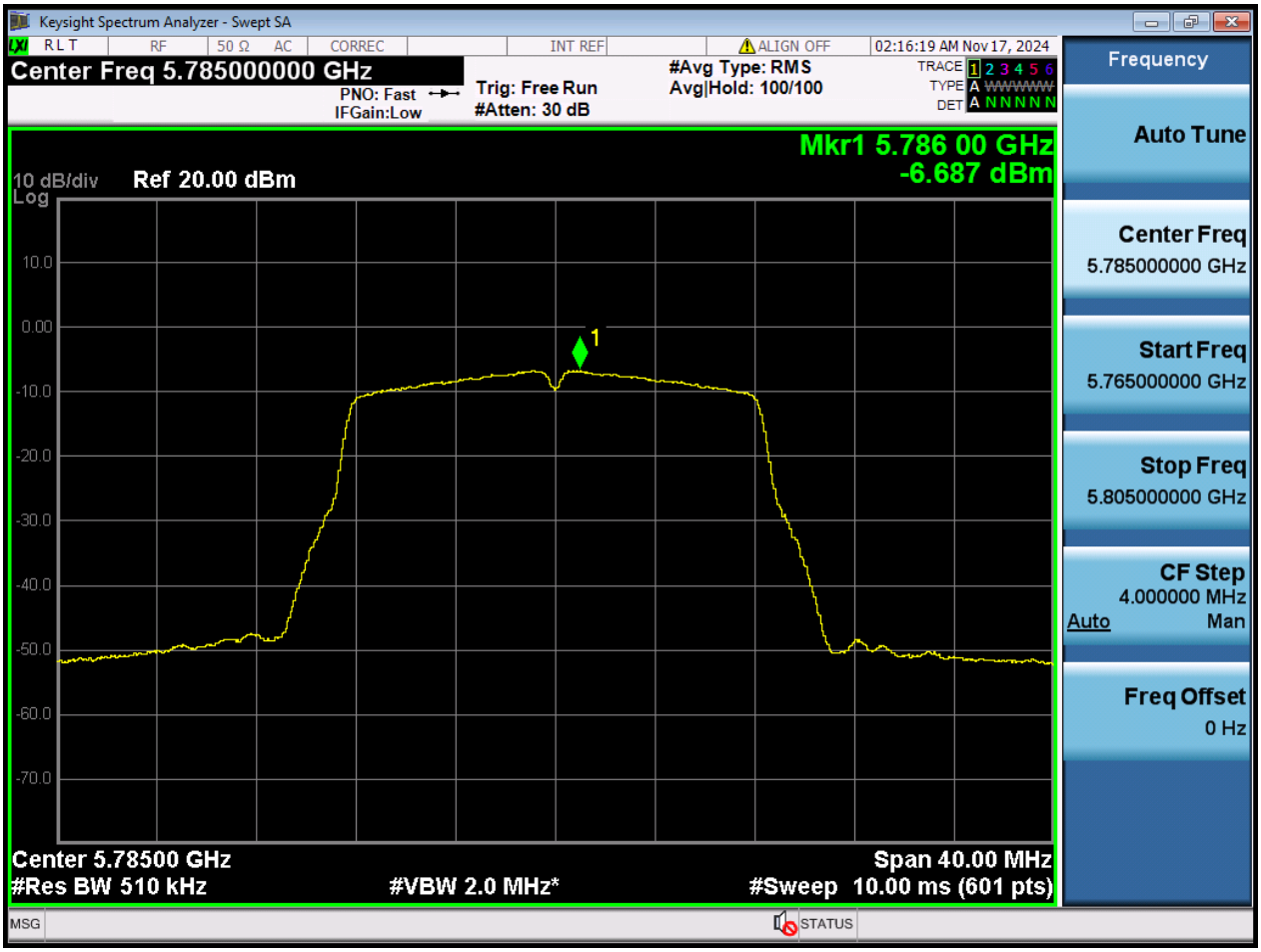
19.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/500KHz)	Limit (dBm/500kHz)
5744.2	-7.26	30



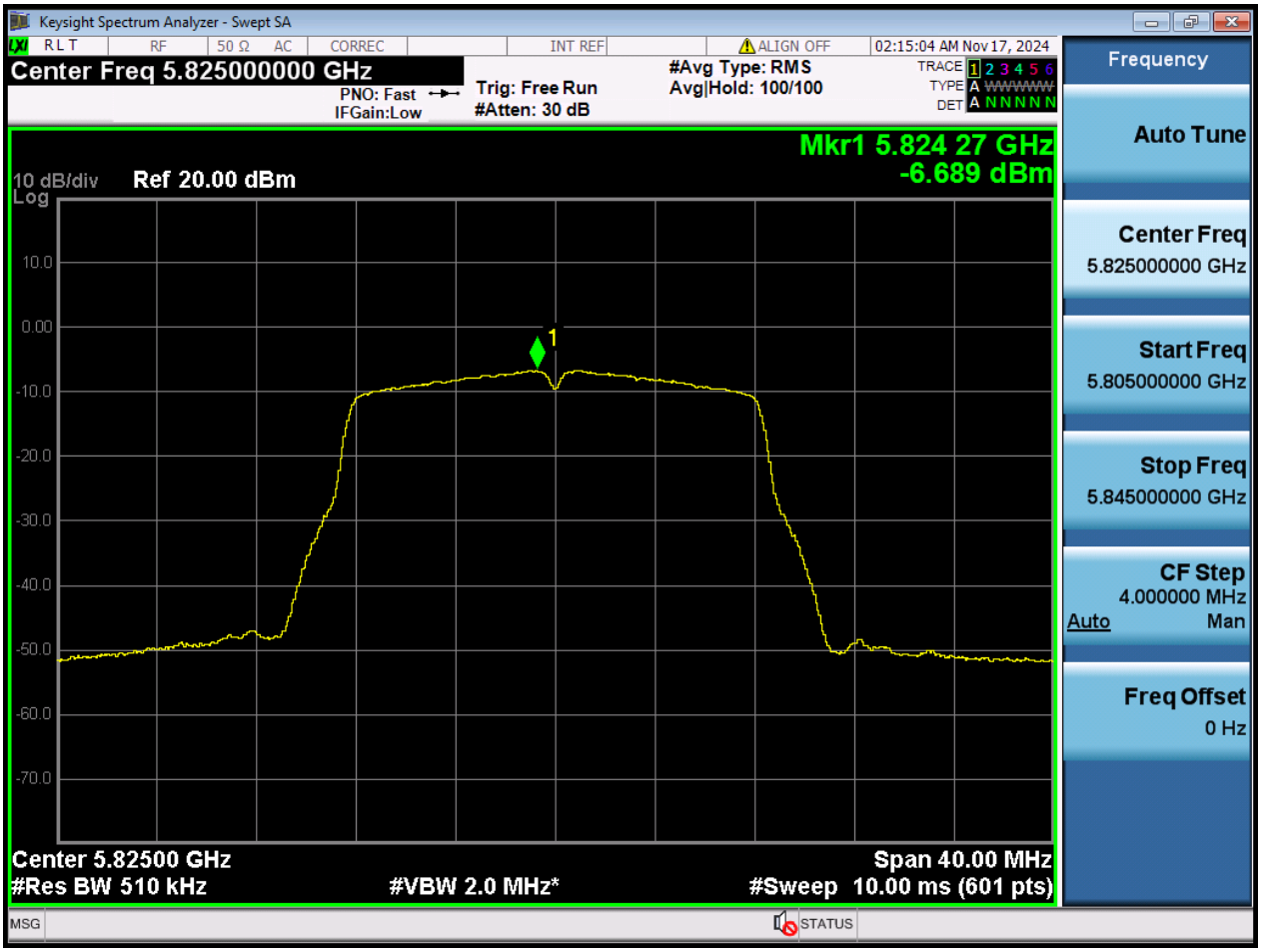
19.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5786	-6.687	30



19.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

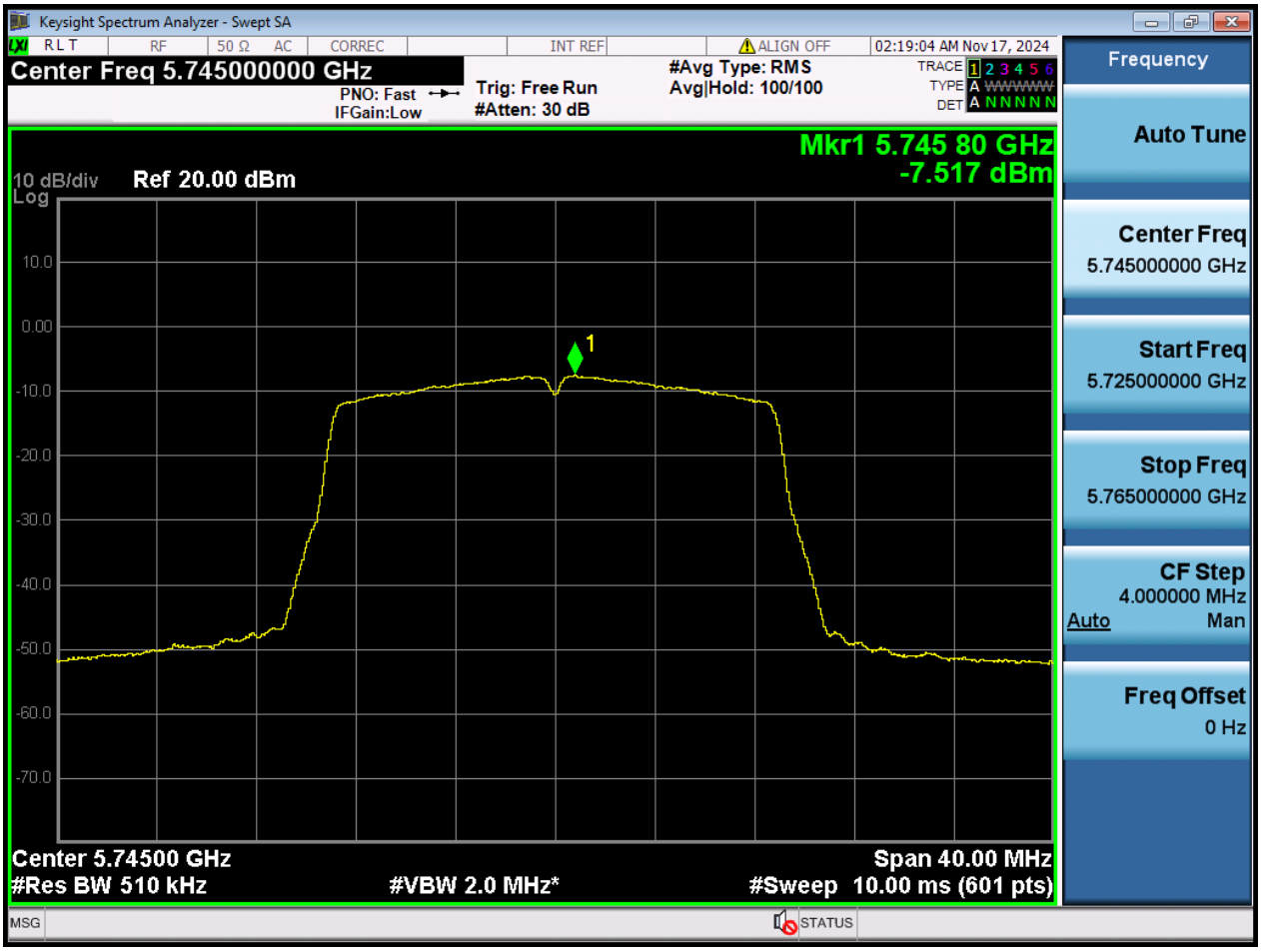
Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5824.266667	-6.689	30



20. 802.11N_BAND4_BW20MHZ

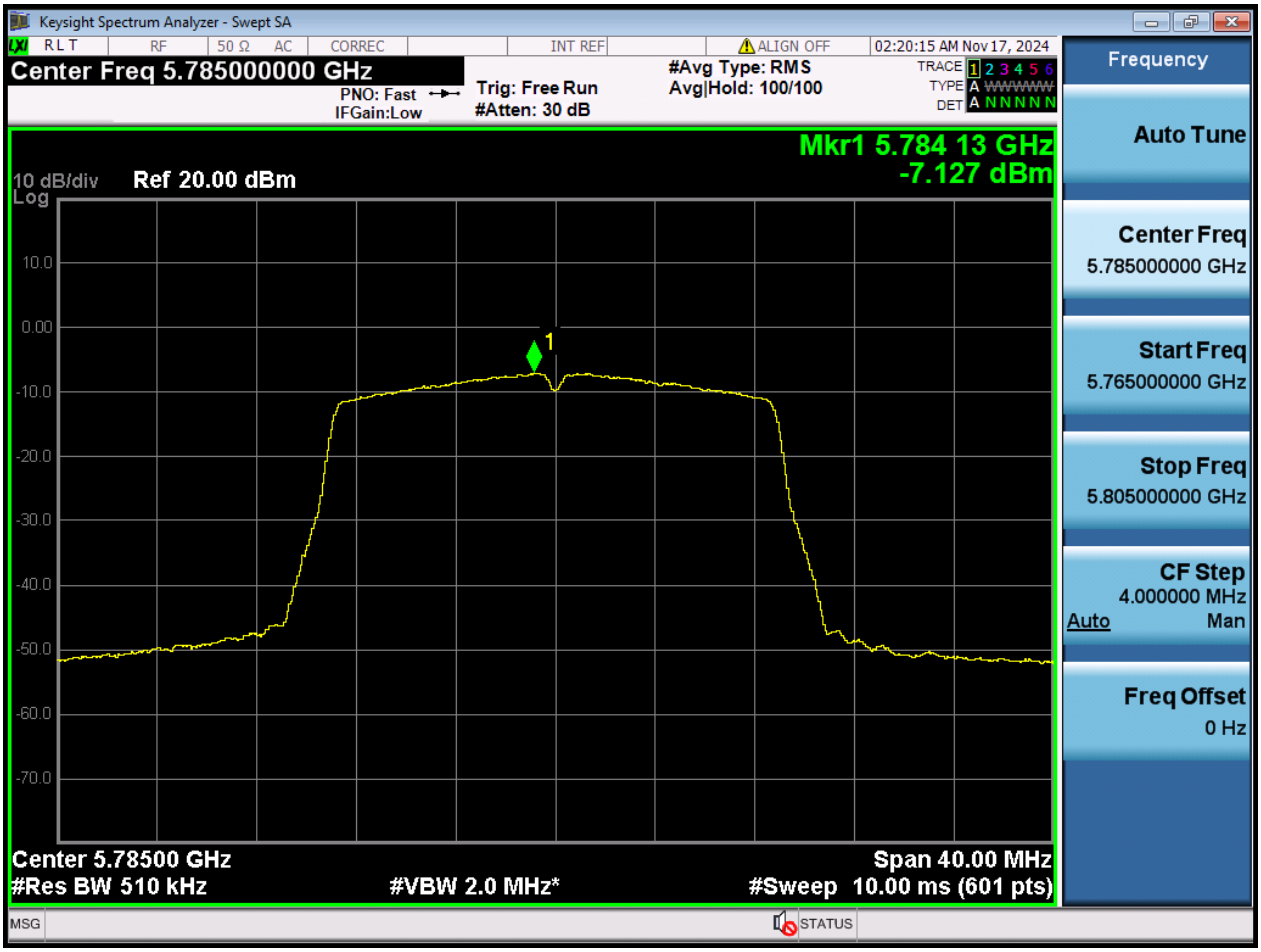
20.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/500KHz)	Limit (dBm/500kHz)
5745.8	-7.517	30



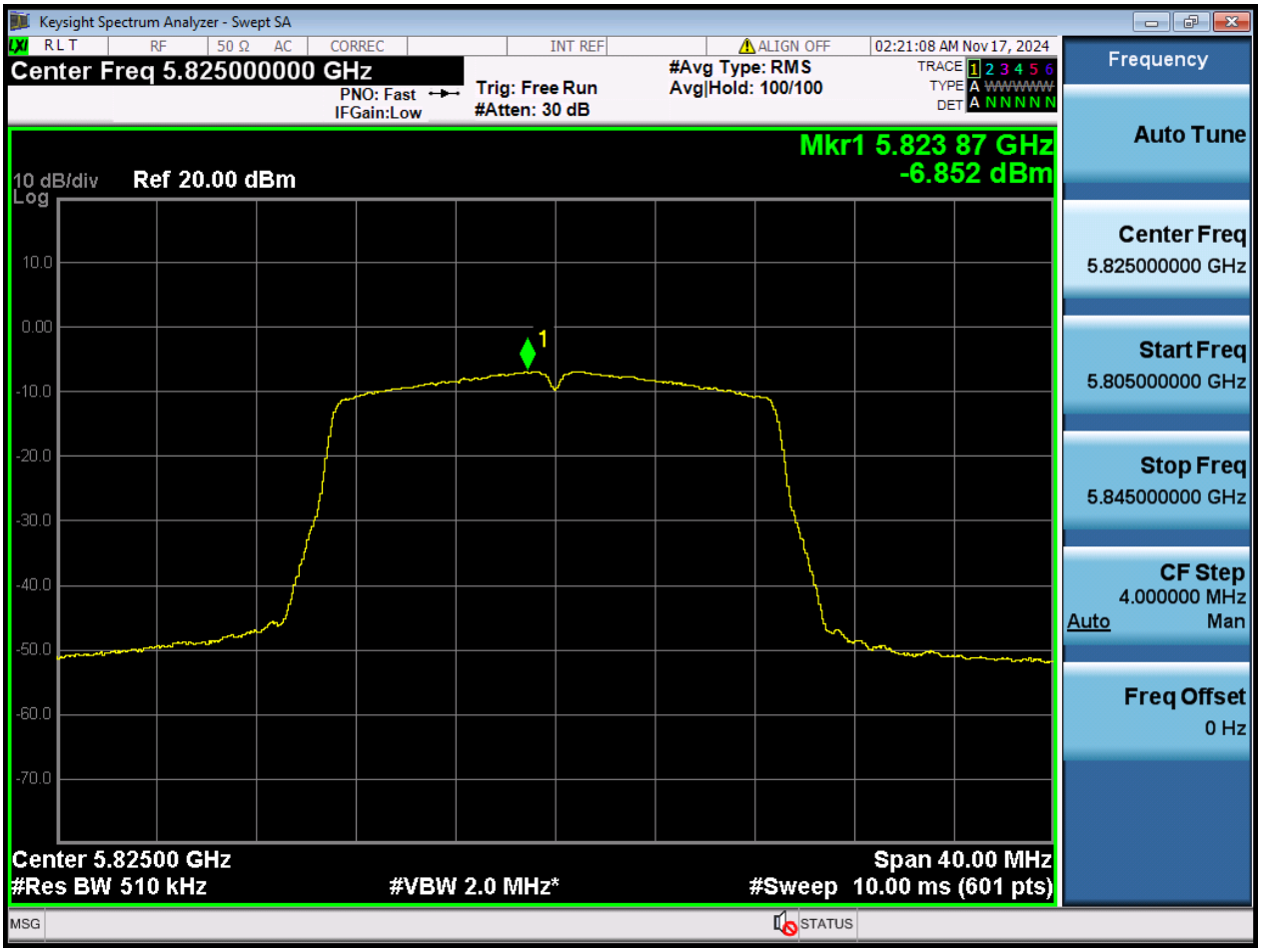
20.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5784.133333	-7.127	30



20.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

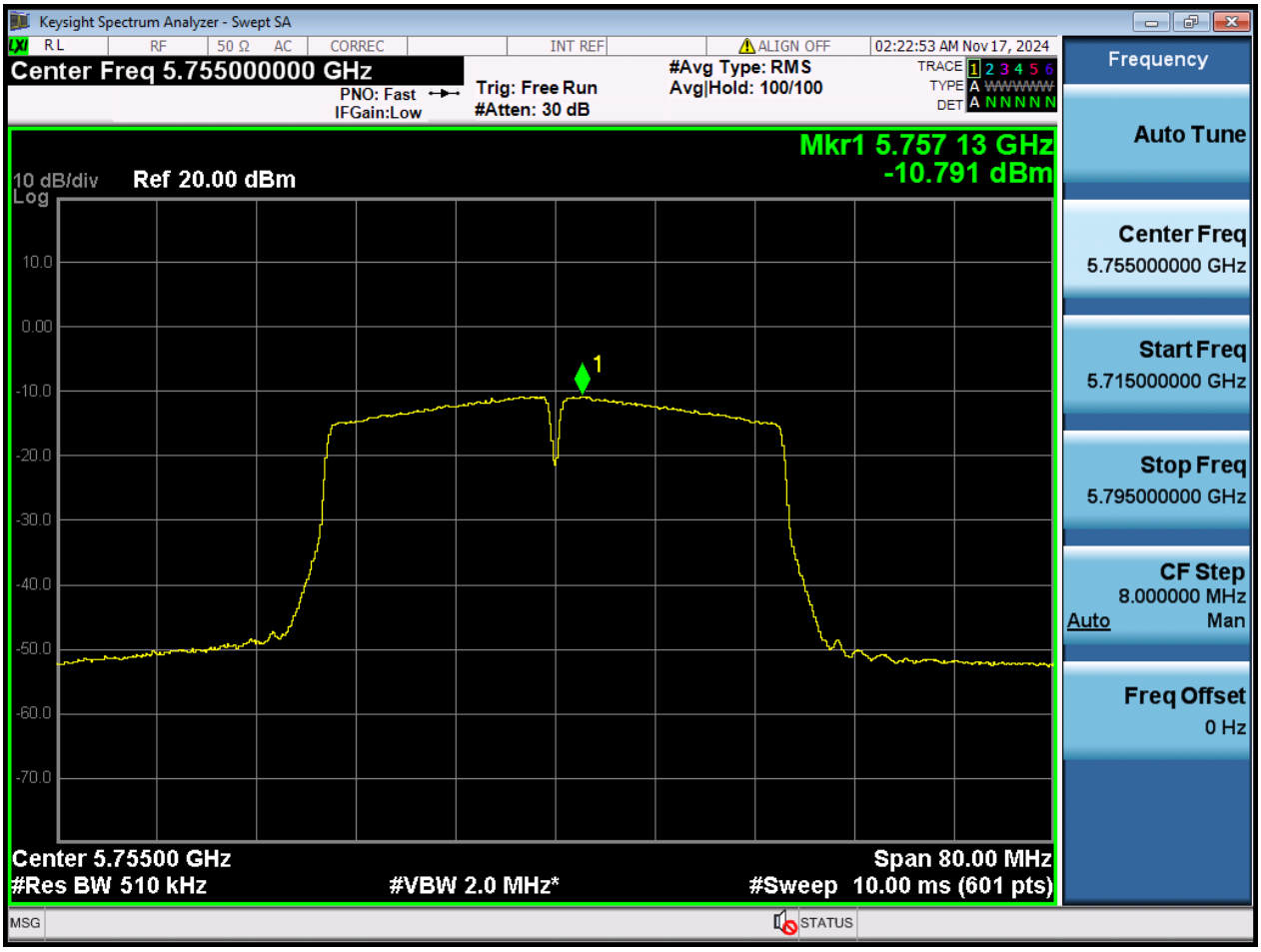
Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5823.866667	-6.852	30



21. 802.11N_BAND4_BW40MHZ

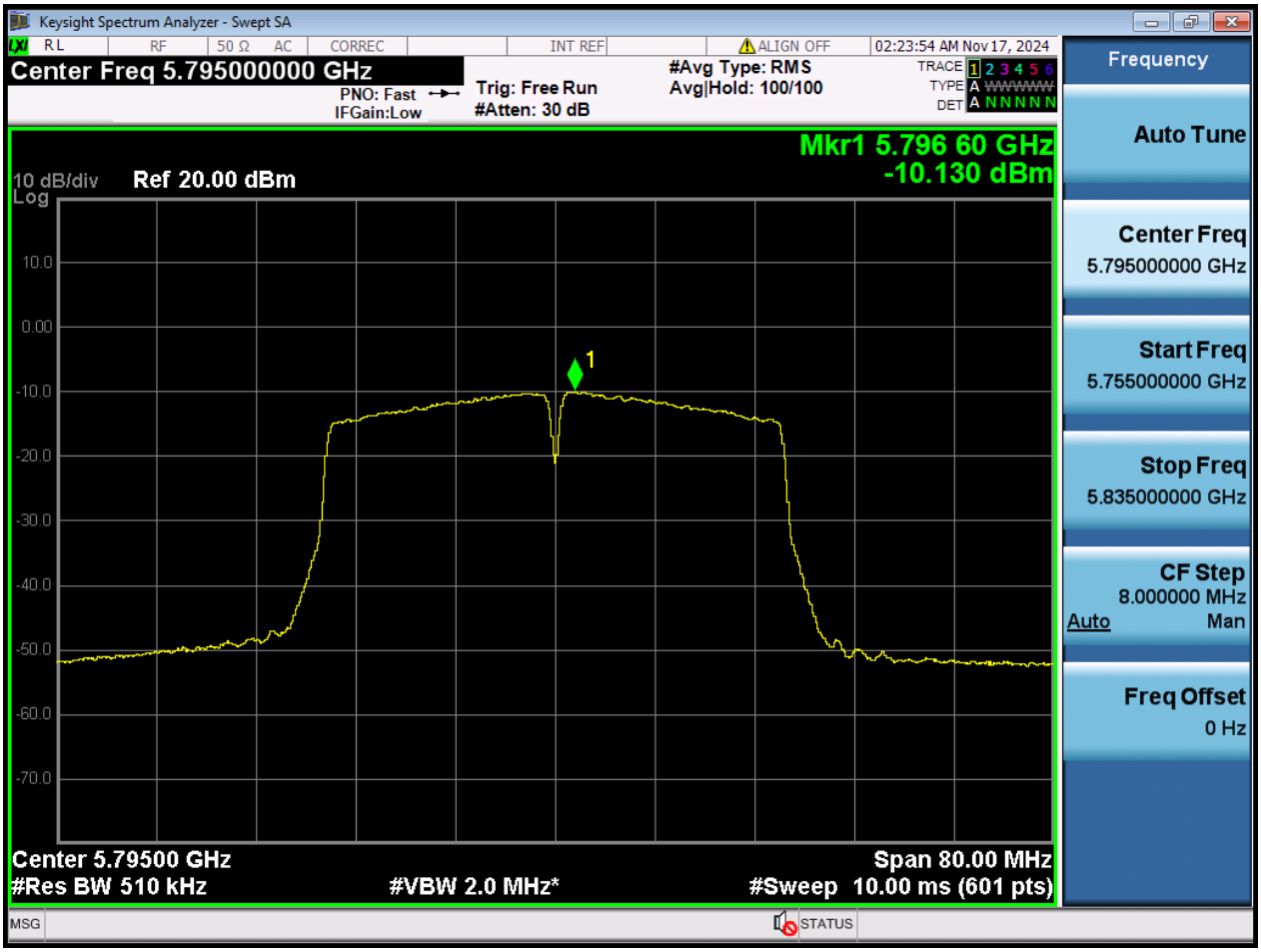
21.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5757.133333	-10.791	30



21.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

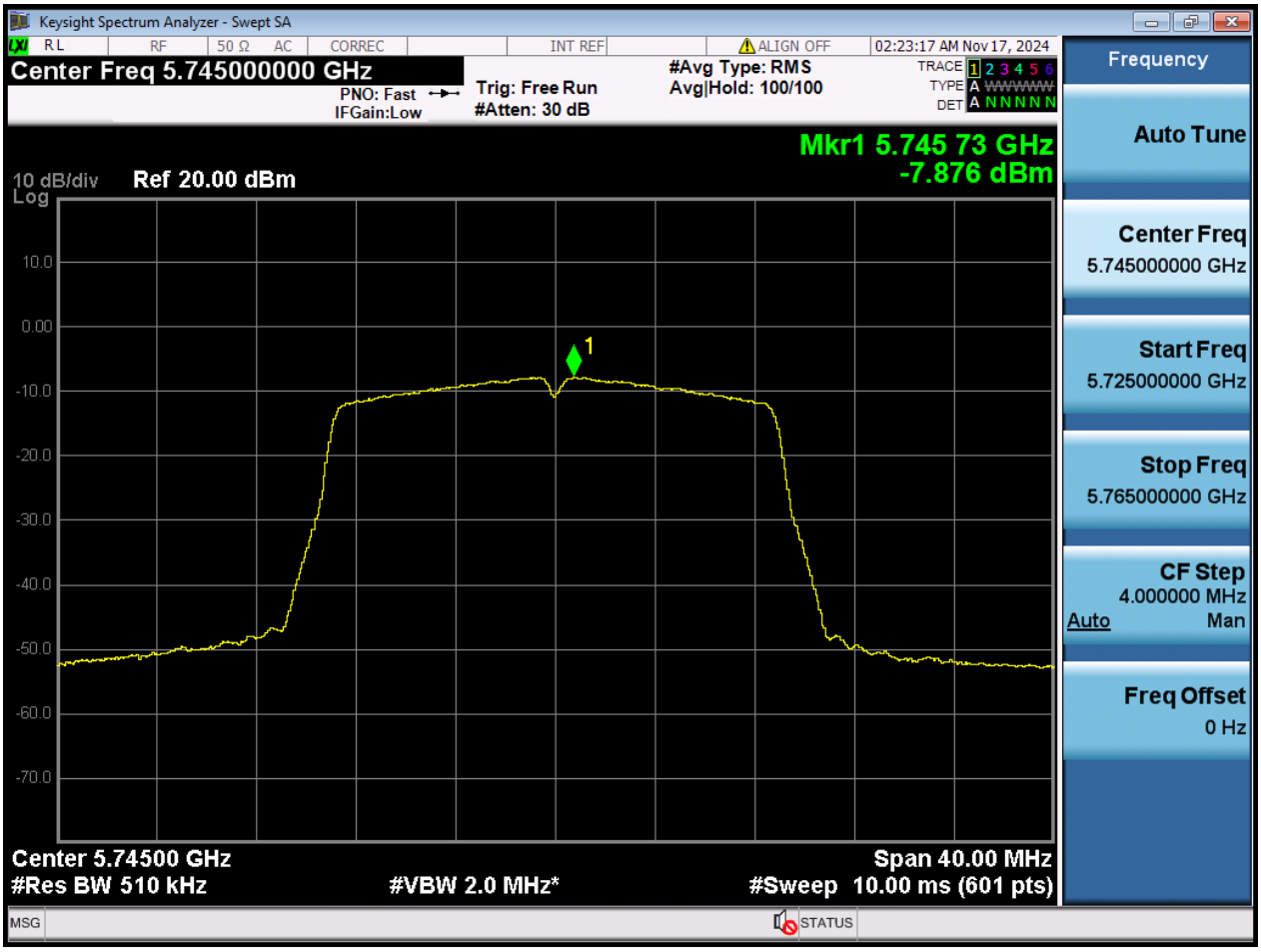
Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5796.6	-10.13	30



22. 802.11AC_BAND4_BW20MHZ

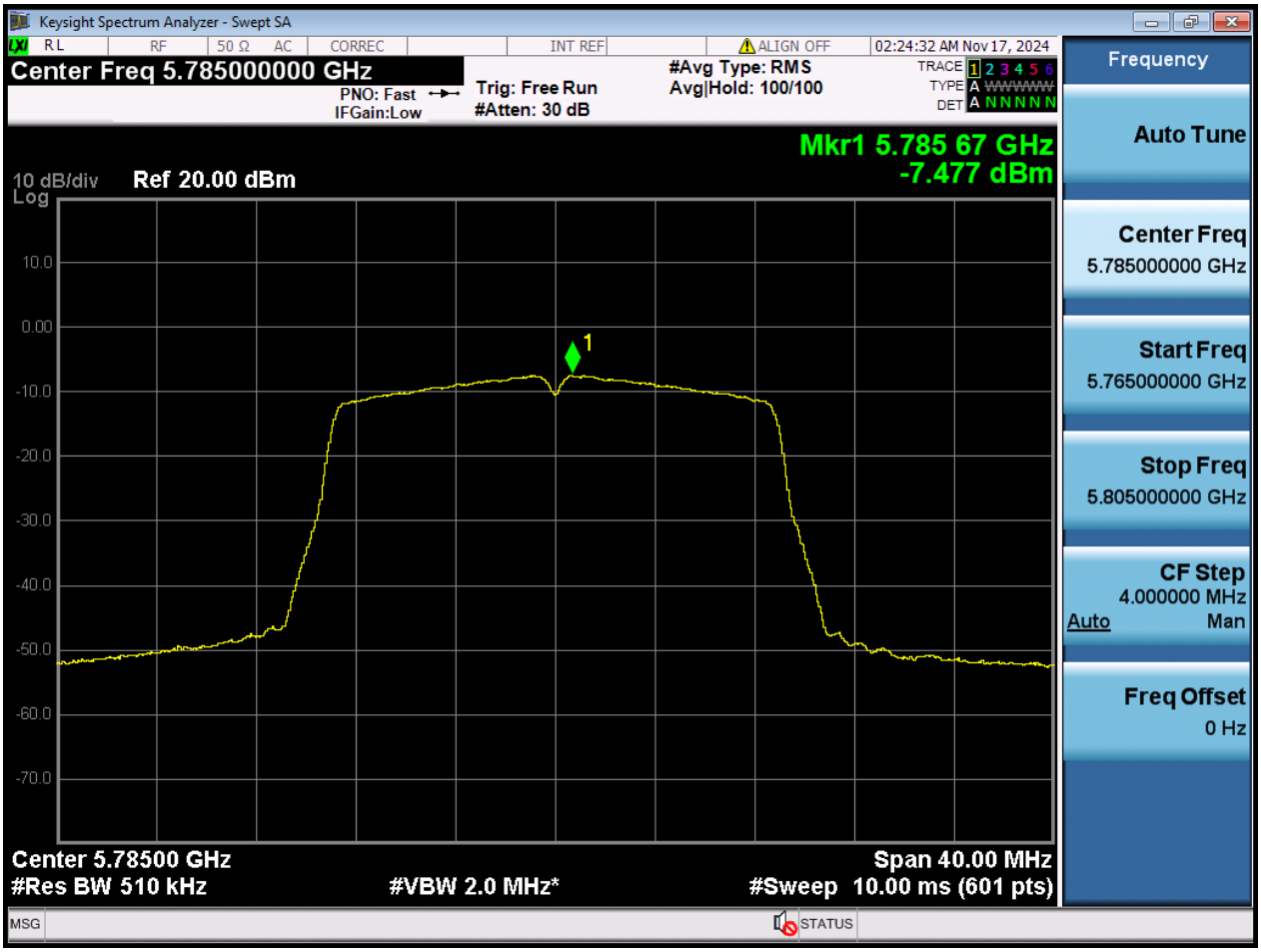
22.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5745.733333	-7.876	30



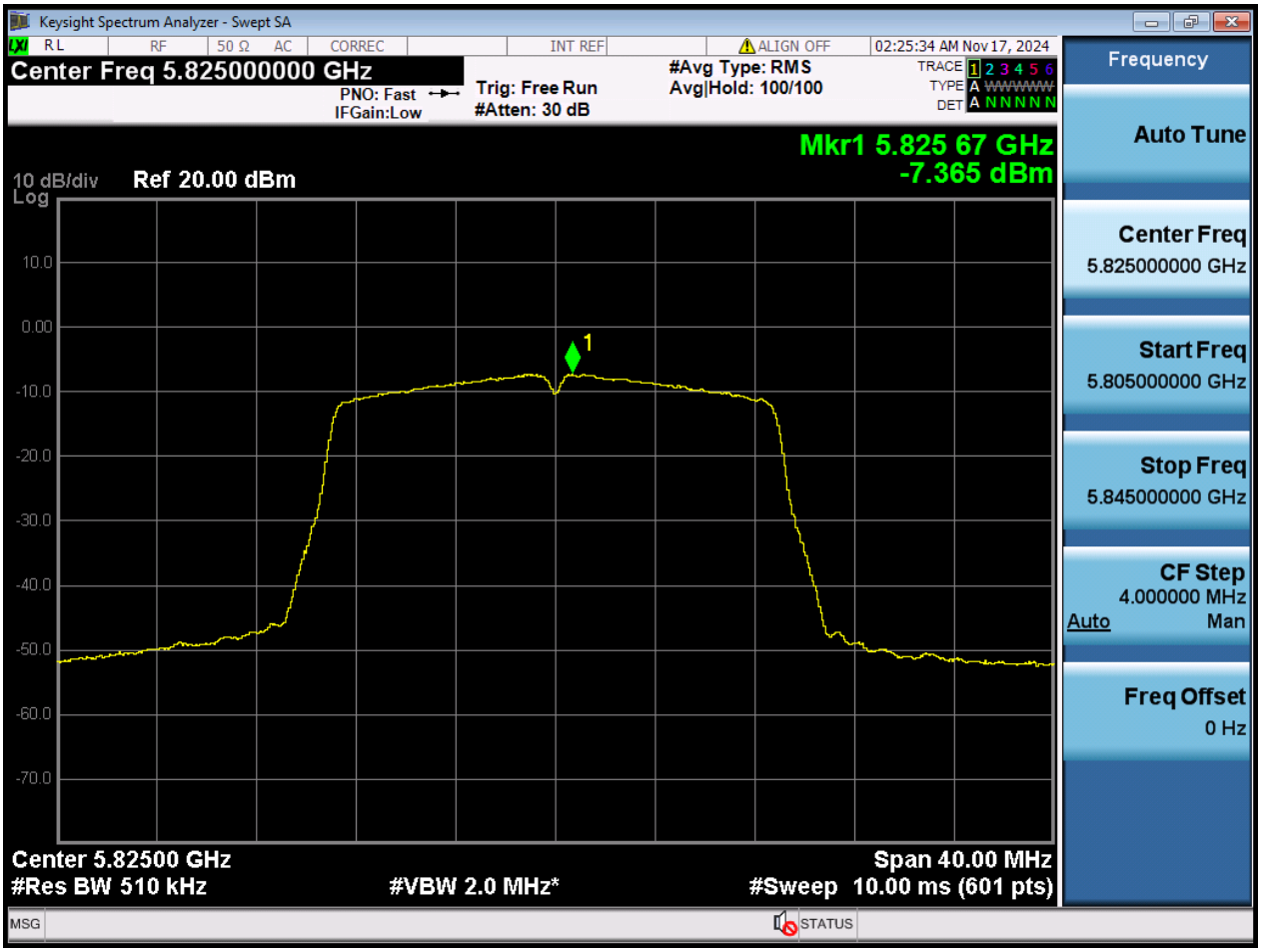
22.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/500KHz)	Limit (dBm/500kHz)
5785.666667	-7.477	30



22.3. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

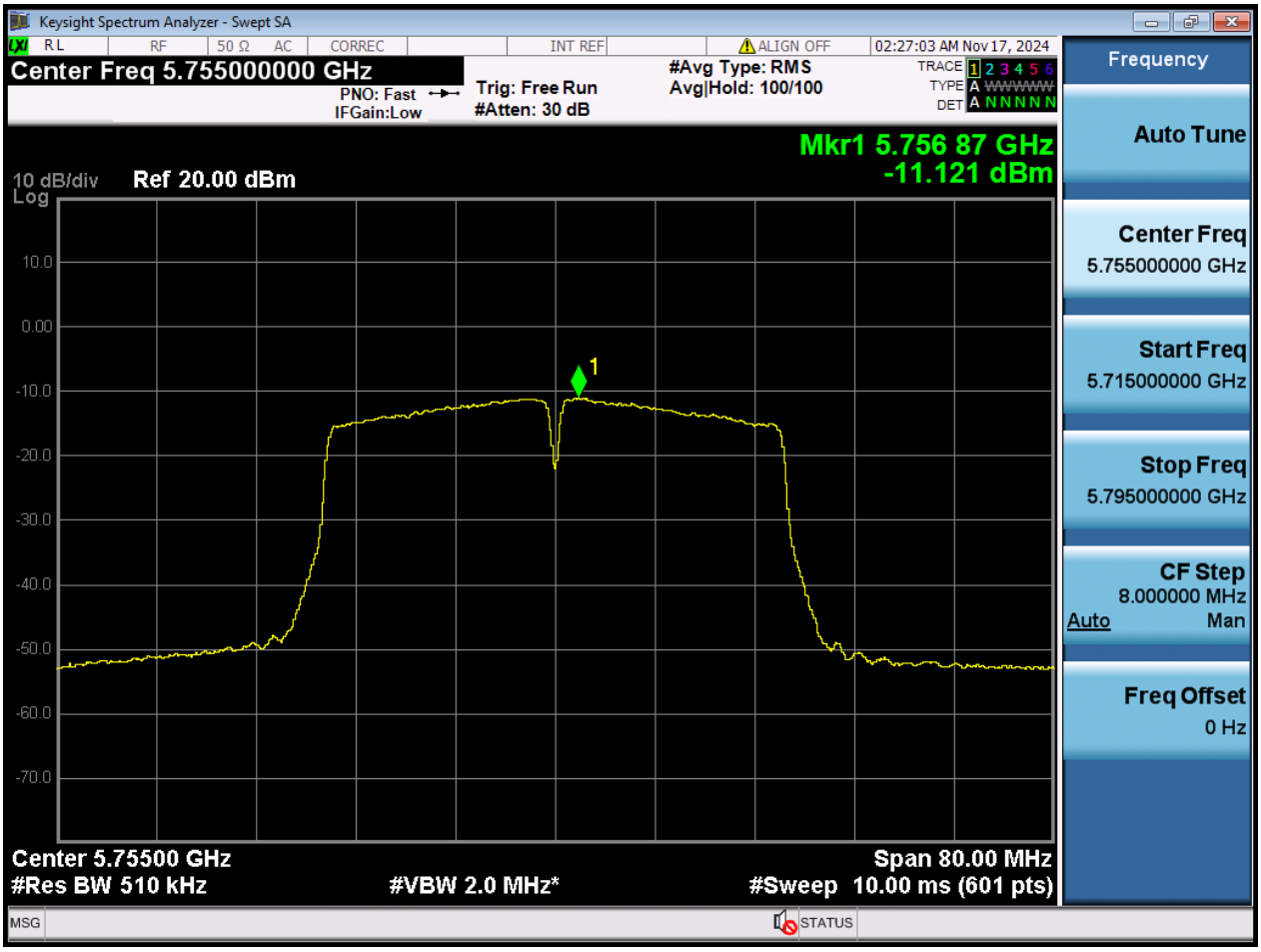
Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5825.666667	-7.365	30



23. 802.11AC_BAND4_BW40MHZ

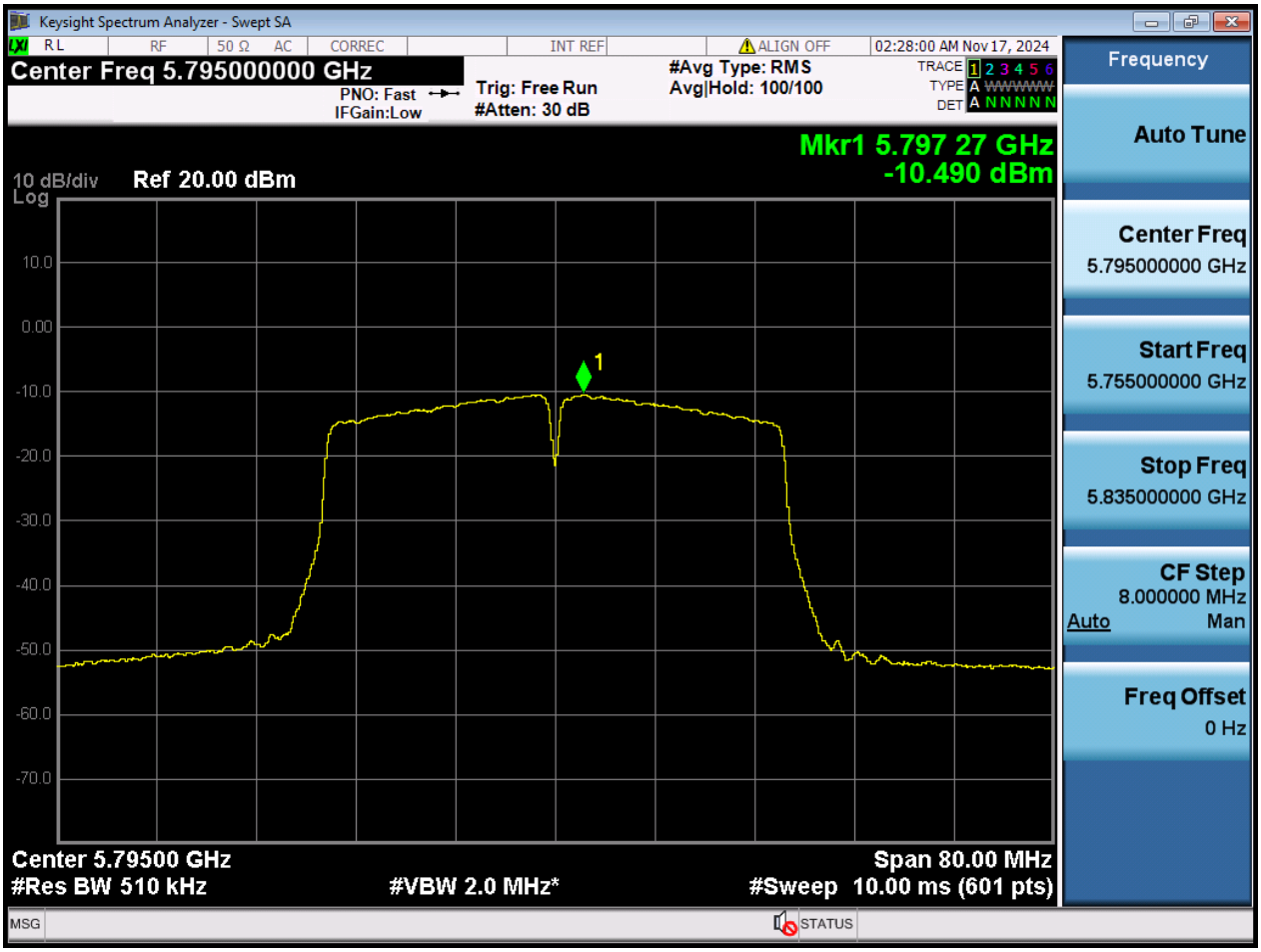
23.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5756.866667	-11.121	30



23.2. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

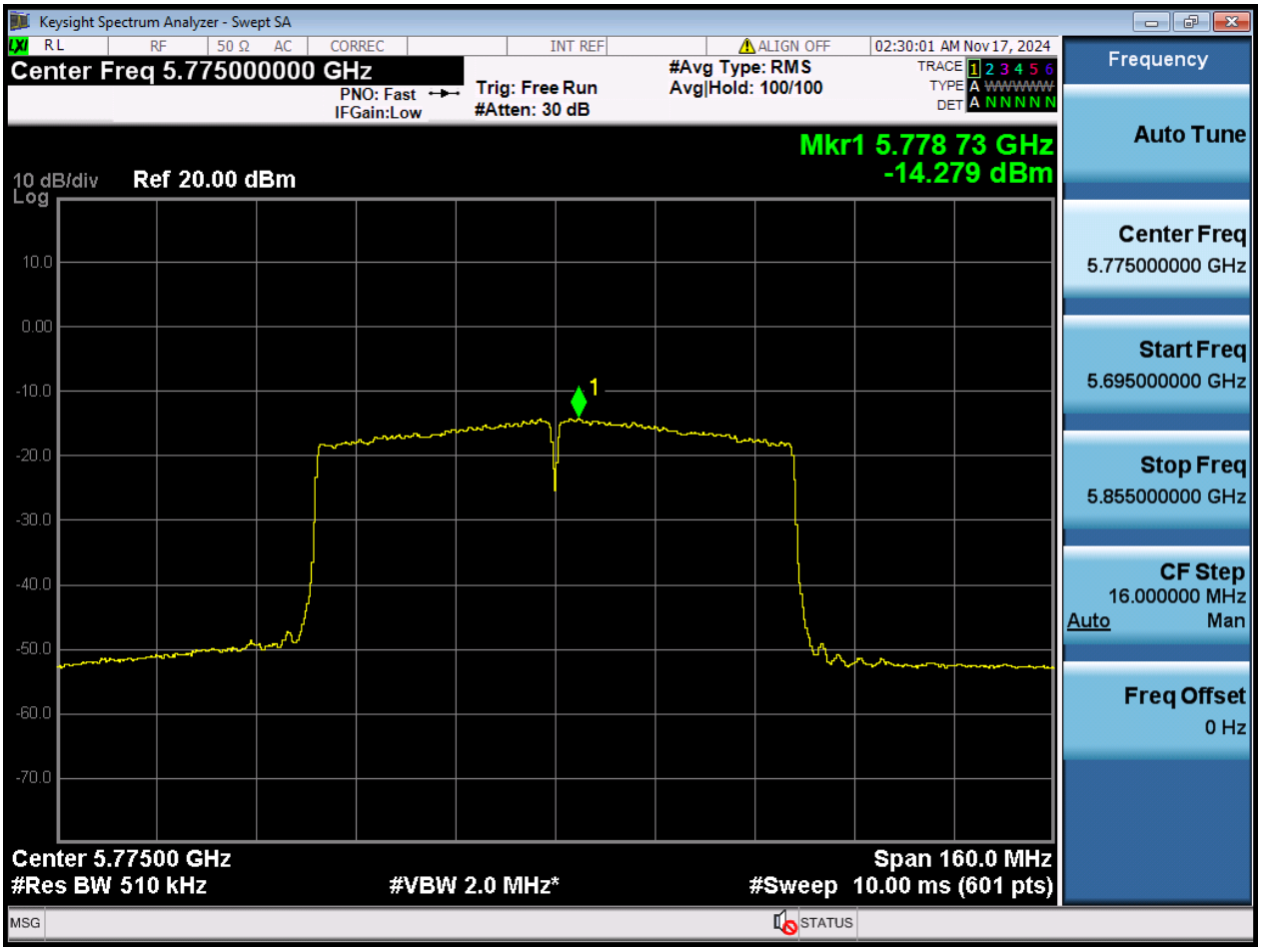
Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5797.266667	-10.49	30



24. 802.11AC_BAND4_BW80MHZ

24.1. A.4-RMS POWER SPECTRAL DENSITY (PSD)(NTNV)

Frequency(MHz)	Level(dBm/ 500KHz)	Limit (dBm/500kHz)
5778.733333	-14.279	30

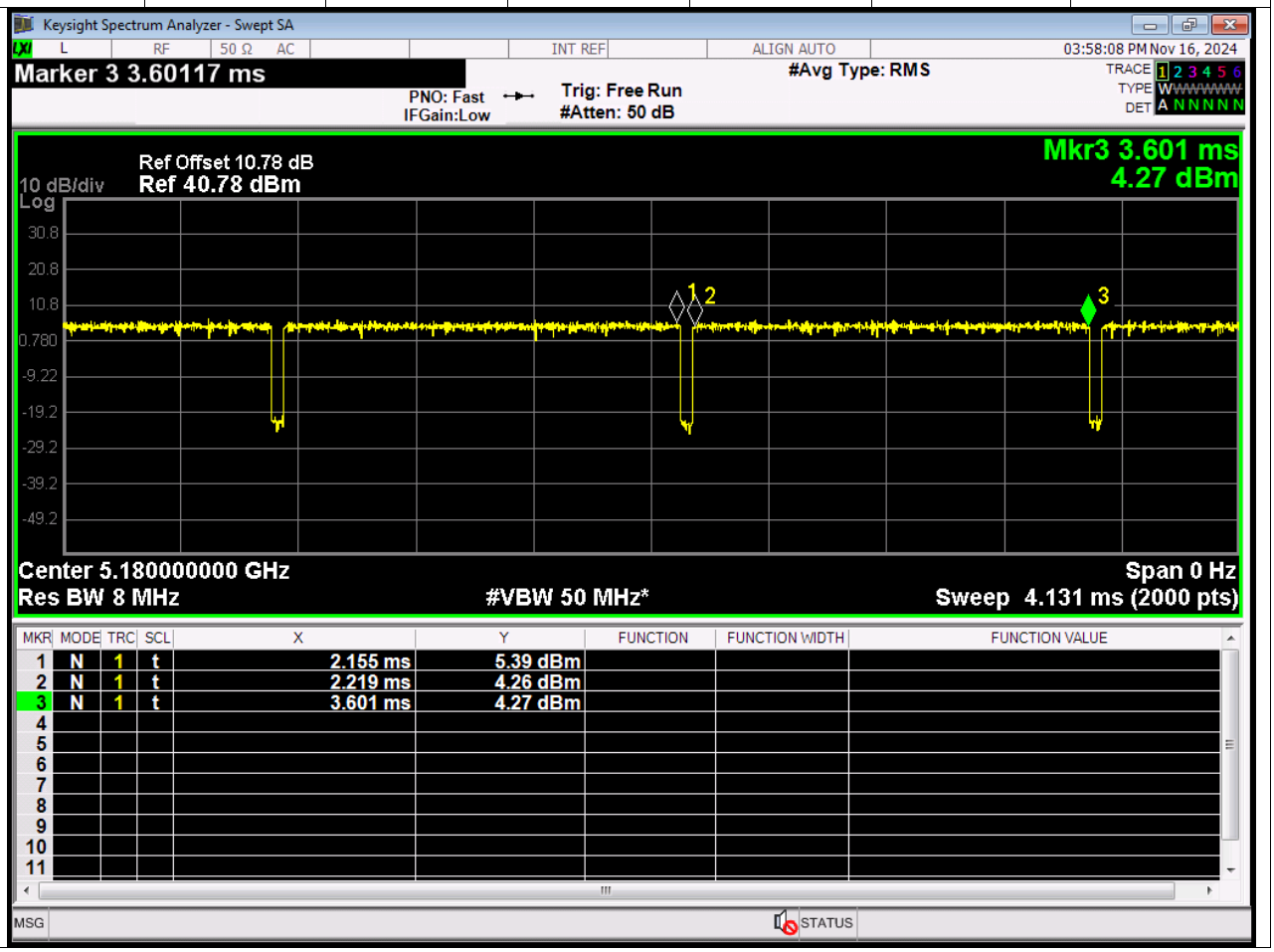


ANNEX A. DUTY CYCLE

1. 802.11A_BAND1_BW20MHZ

1.1. DUTY CYCLE(NTNV)

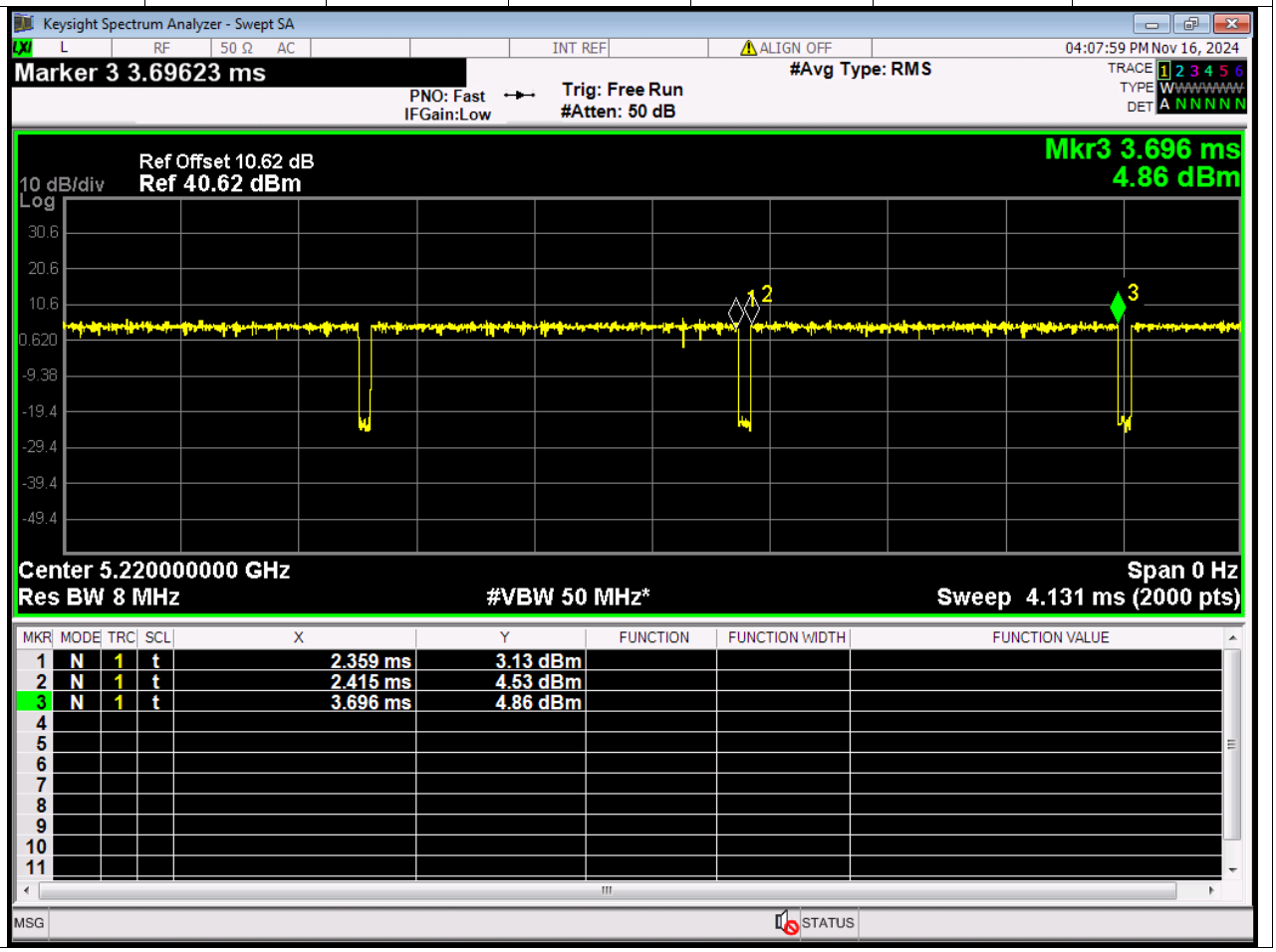
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	0.96	0.196602499	0.723589001



2. 802.11n_Band1_BW20MHz

2.1. DUTY CYCLE(NTNV)

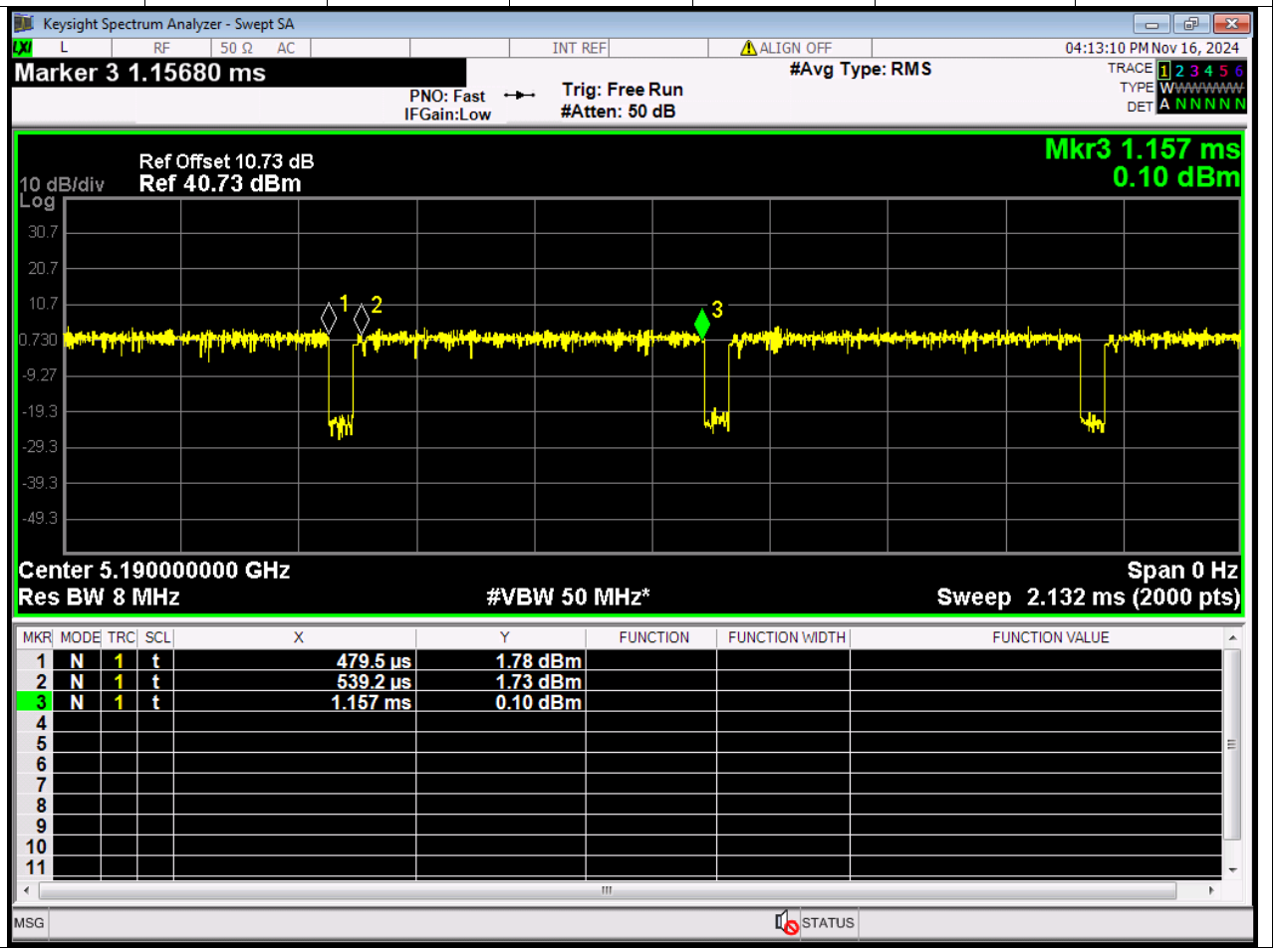
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5220	Ant1	0.96	0.185822775	0.780640125



3. 802.11n_Band1_BW40MHz

3.1. DUTY CYCLE(NTNV)

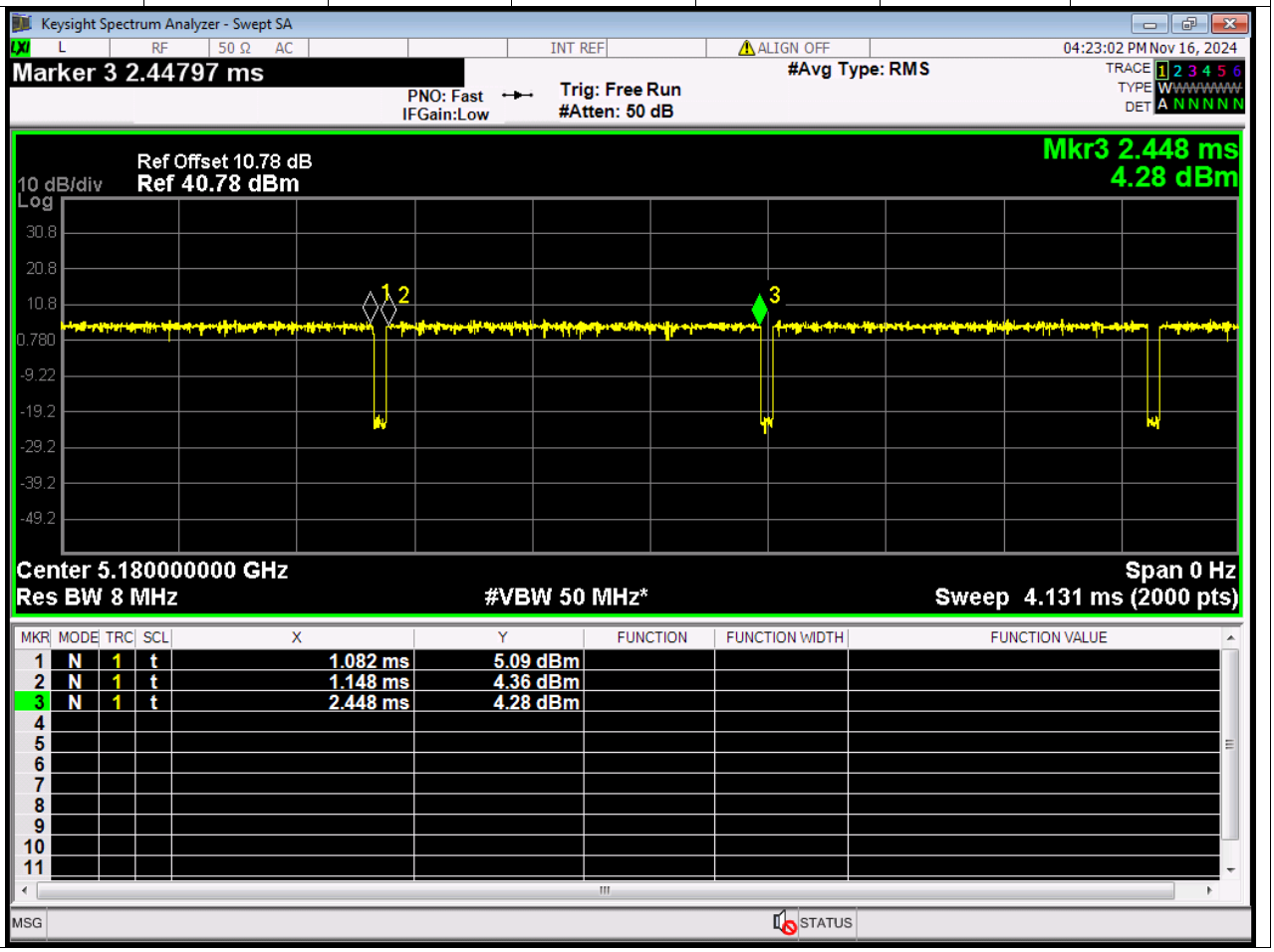
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5190	Ant1	0.91	0.400613956	1.618646811



4. 802.11AC_BAND1_BW20MHZ

4.1. DUTY CYCLE(NTNV)

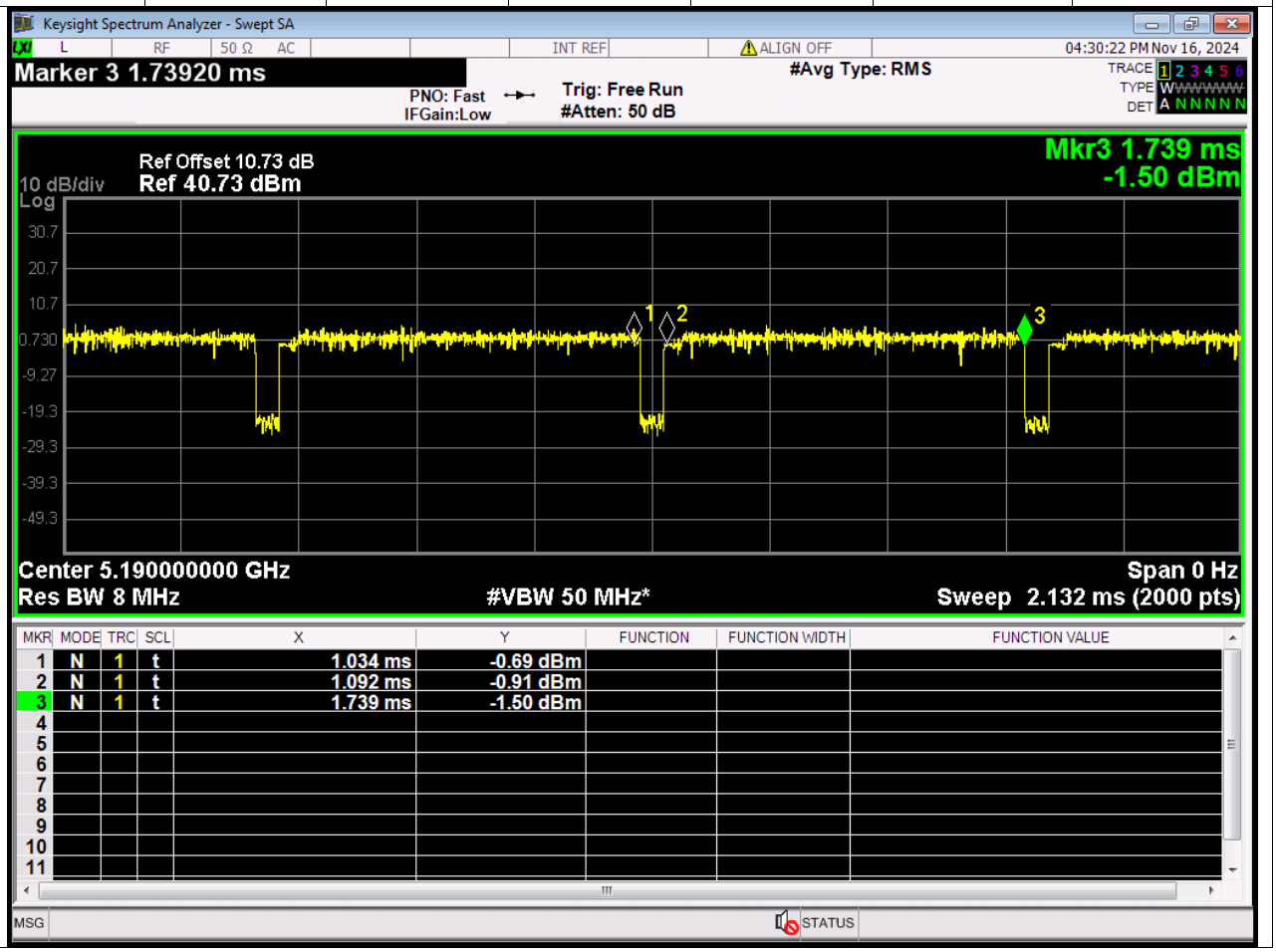
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5180	Ant1	0.95	0.21507347	0.769230769



5. 802.11ac_Band1_BW40MHz

5.1. DUTY CYCLE(NTNV)

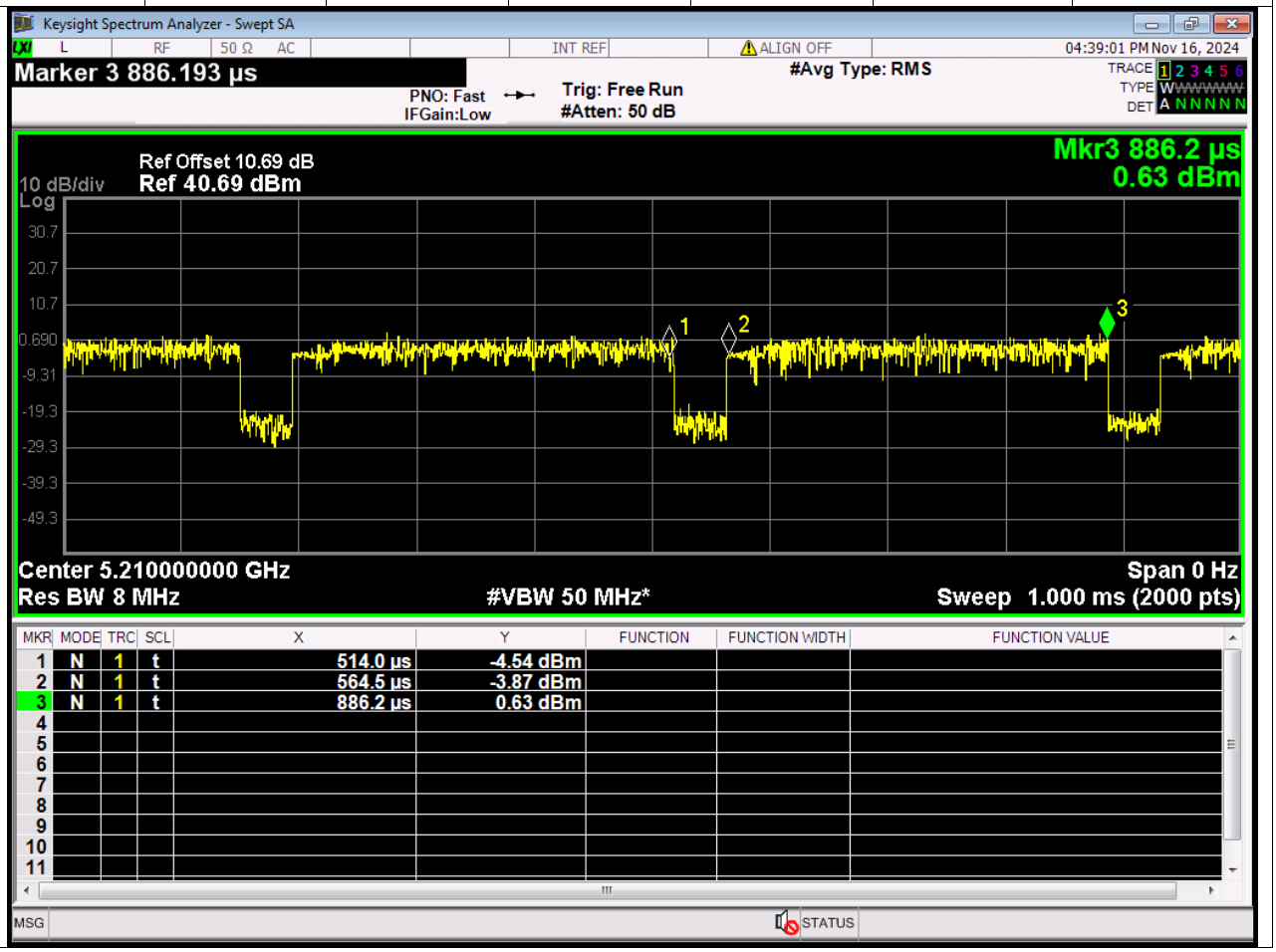
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5190	Ant1	0.92	0.372848363	1.545595054



6. 802.11ac_Band1_BW80MHz

6.1. DUTY CYCLE(NTNV)

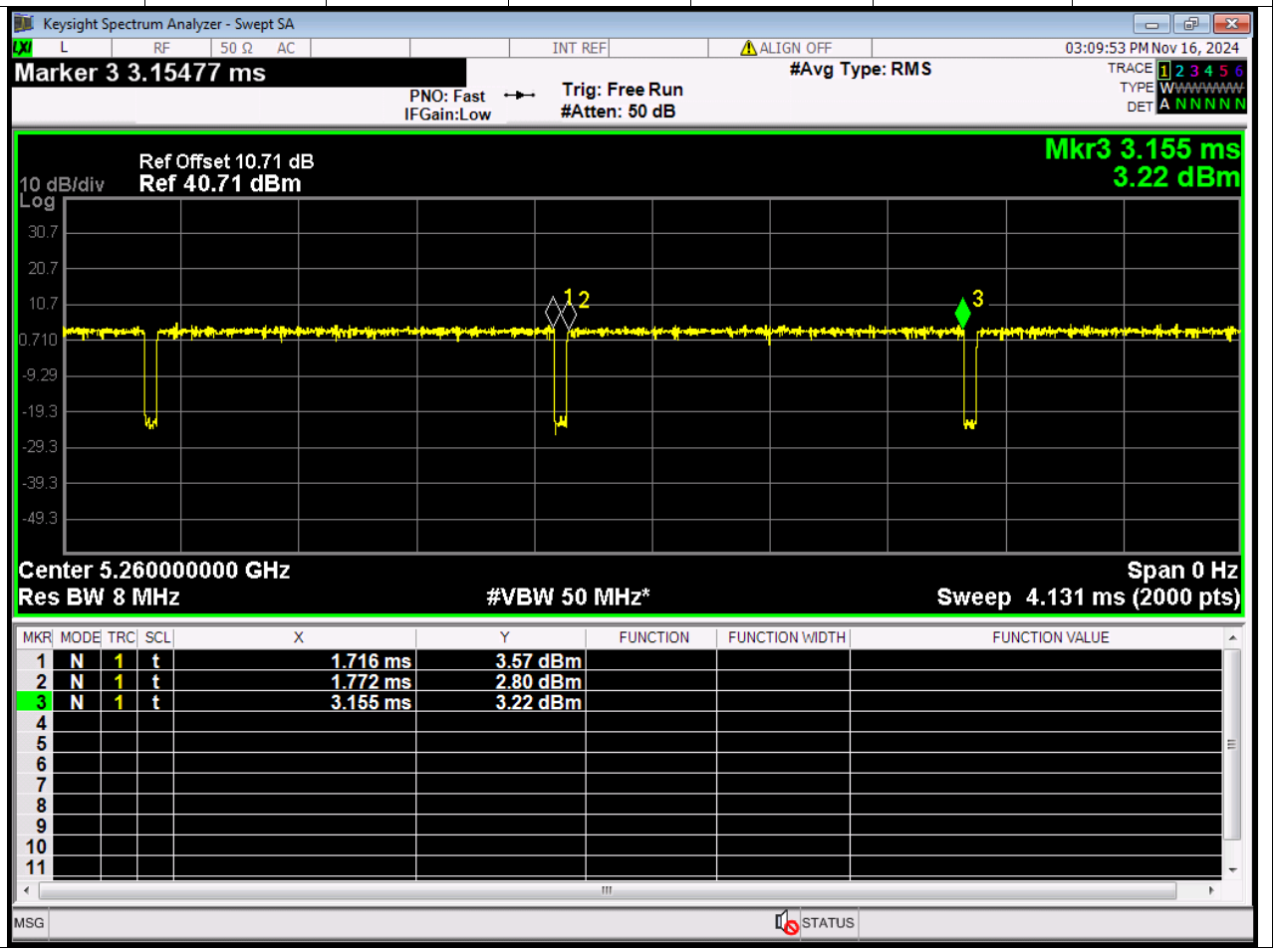
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5210	Ant1	0.86	0.633253079	3.108486167



7. 802.11a_Band2_BW20MHz

7.1. DUTY CYCLE(NTNV)

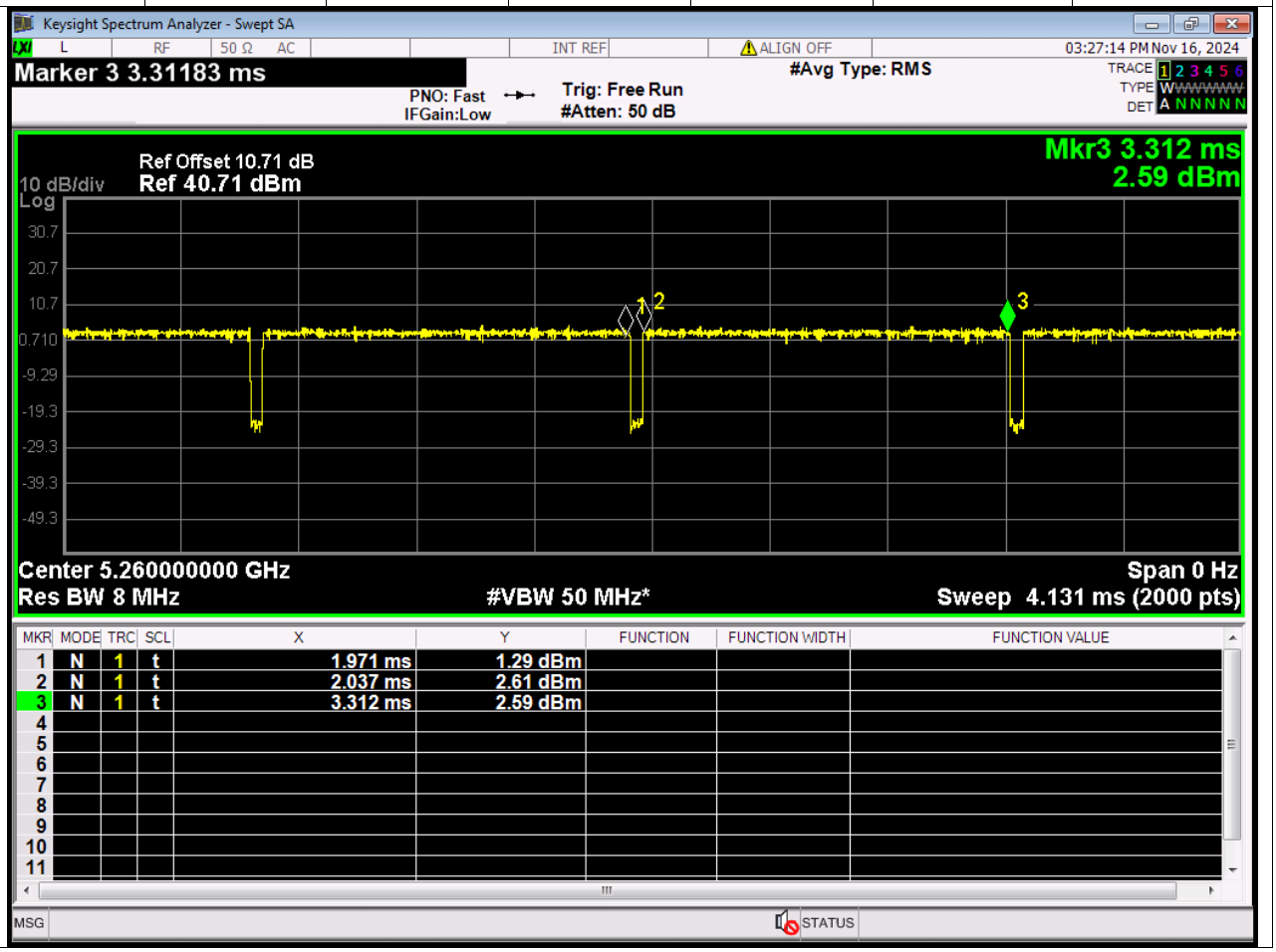
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	0.96	0.172386138	0.723065799



8. 802.11n_Band2_BW20MHz

8.1. DUTY CYCLE(NTNV)

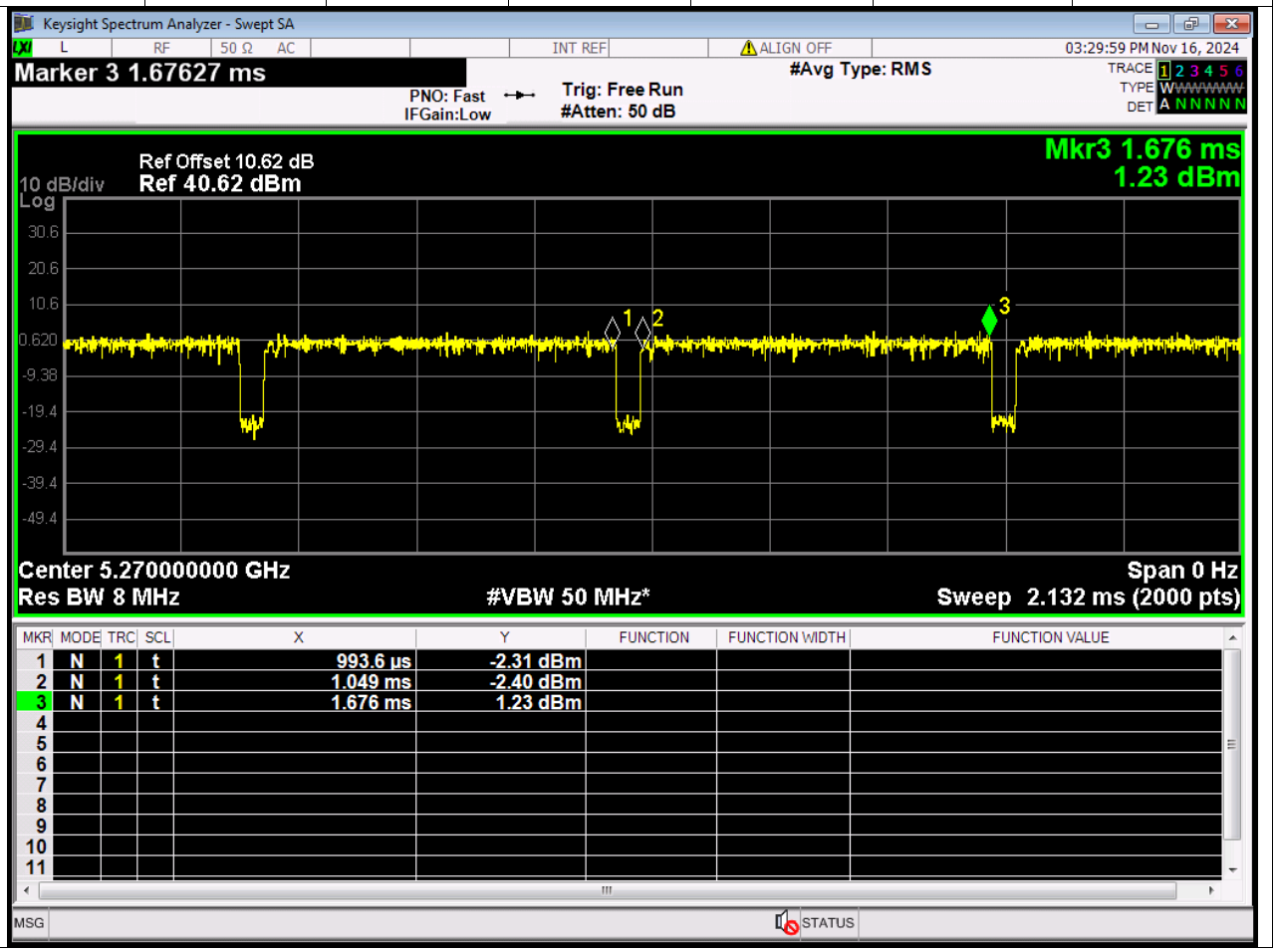
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5260	Ant1	0.95	0.219185931	0.784313725



9. 802.11n_Band2_BW40MHz

9.1. DUTY CYCLE(NTNV)

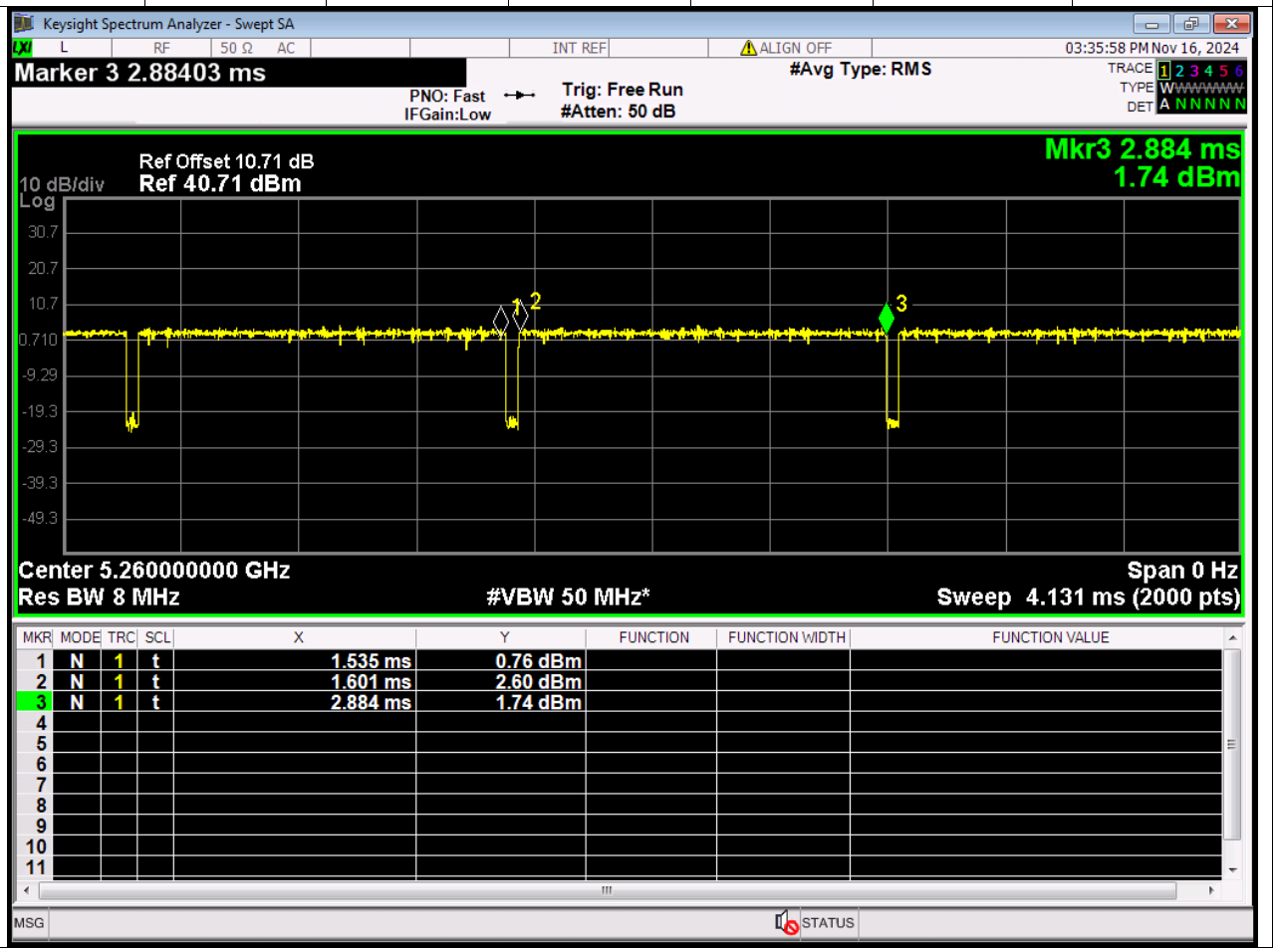
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5270	Ant1	0.92	0.367714773	1.594896332



10. 802.11ac_Band2_BW20MHz

10.1. DUTY CYCLE(NTNV)

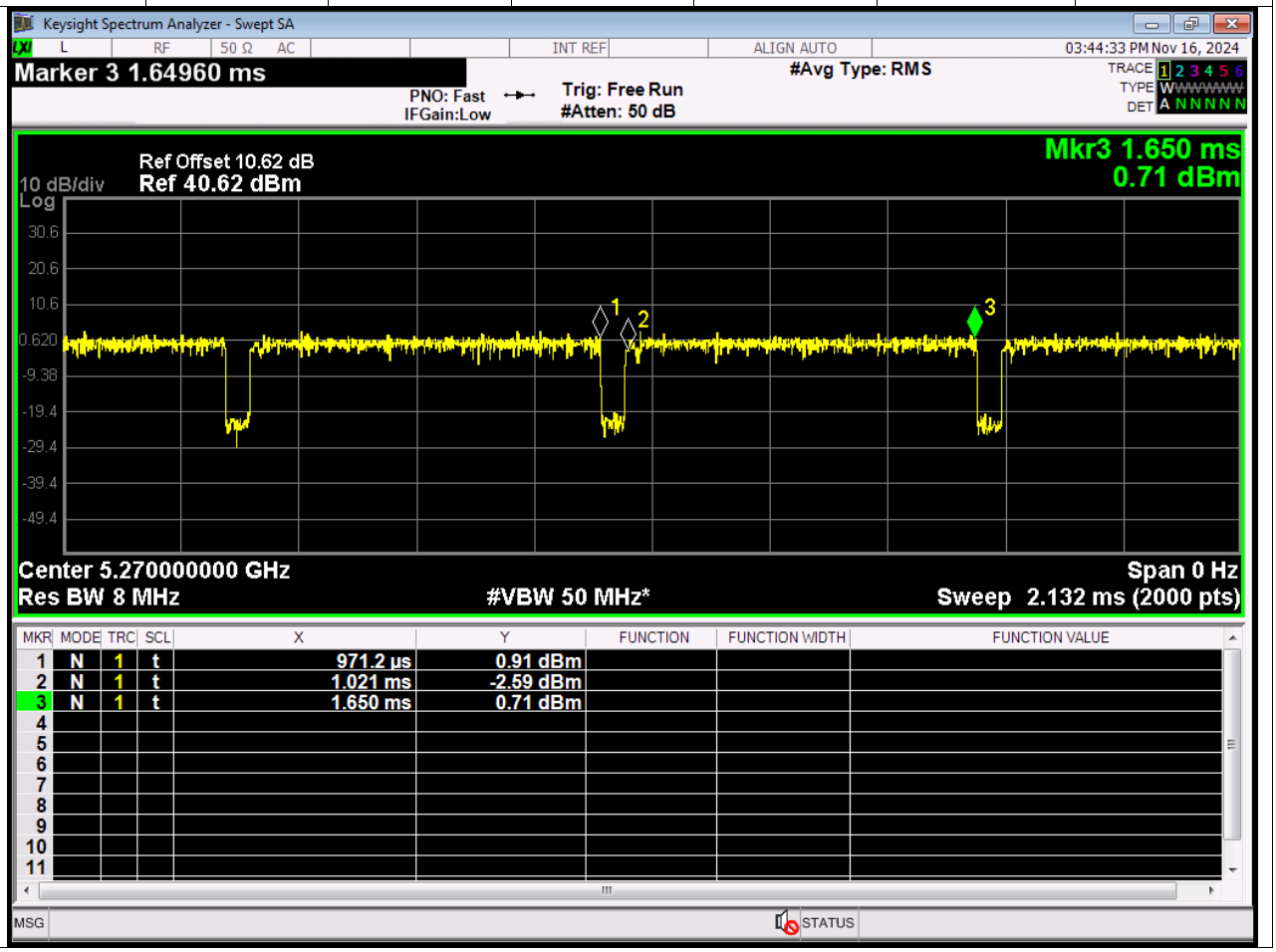
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5260	Ant1	0.95	0.217852933	0.779423227



11. 802.11ac_Band2_BW40MHz

11.1. DUTY CYCLE(NTNV)

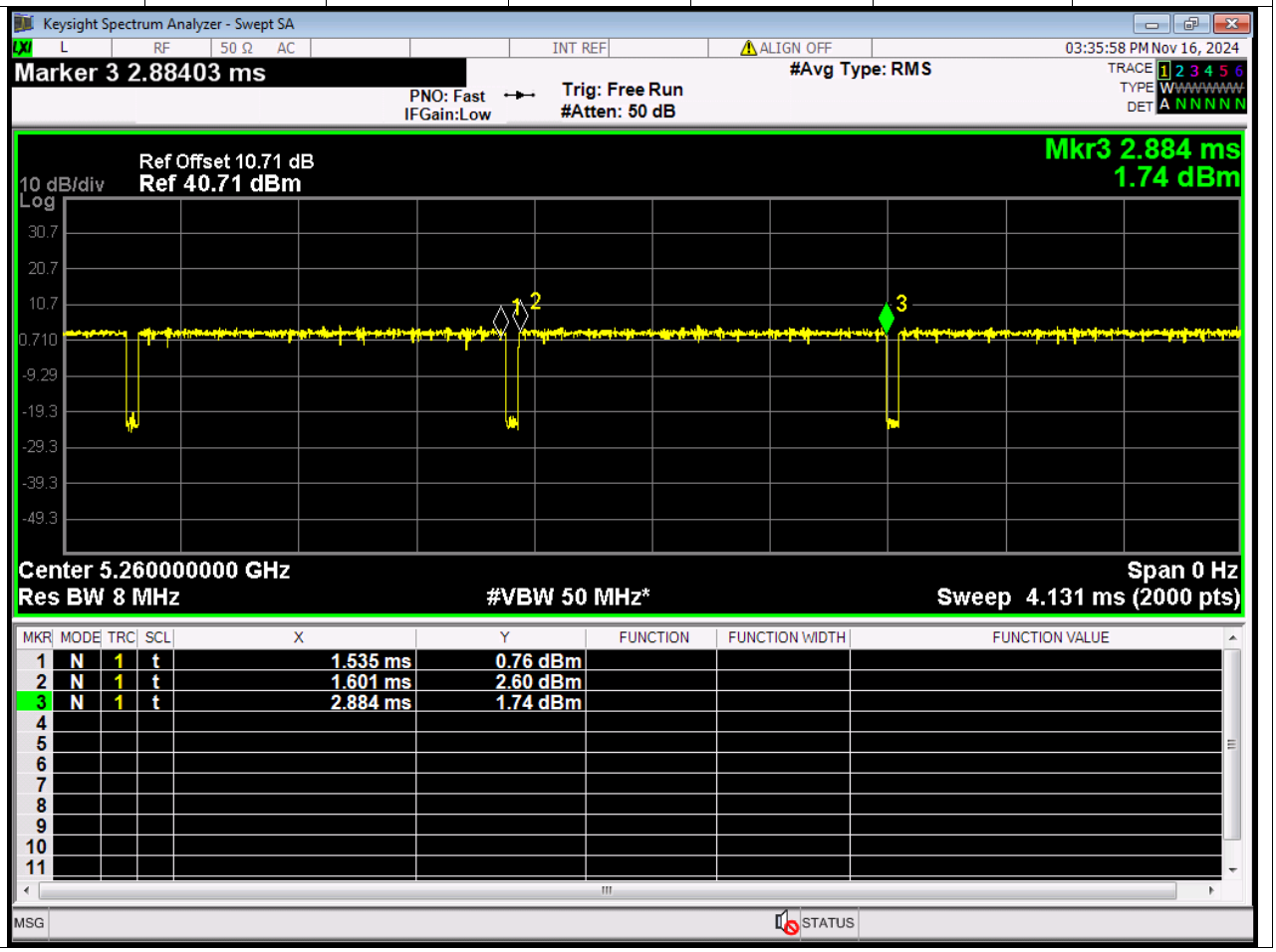
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5270	Ant1	0.93	0.330911882	1.589825119



12. 802.11ac_Band2_BW80MHz

12.1. DUTY CYCLE(NTNV)

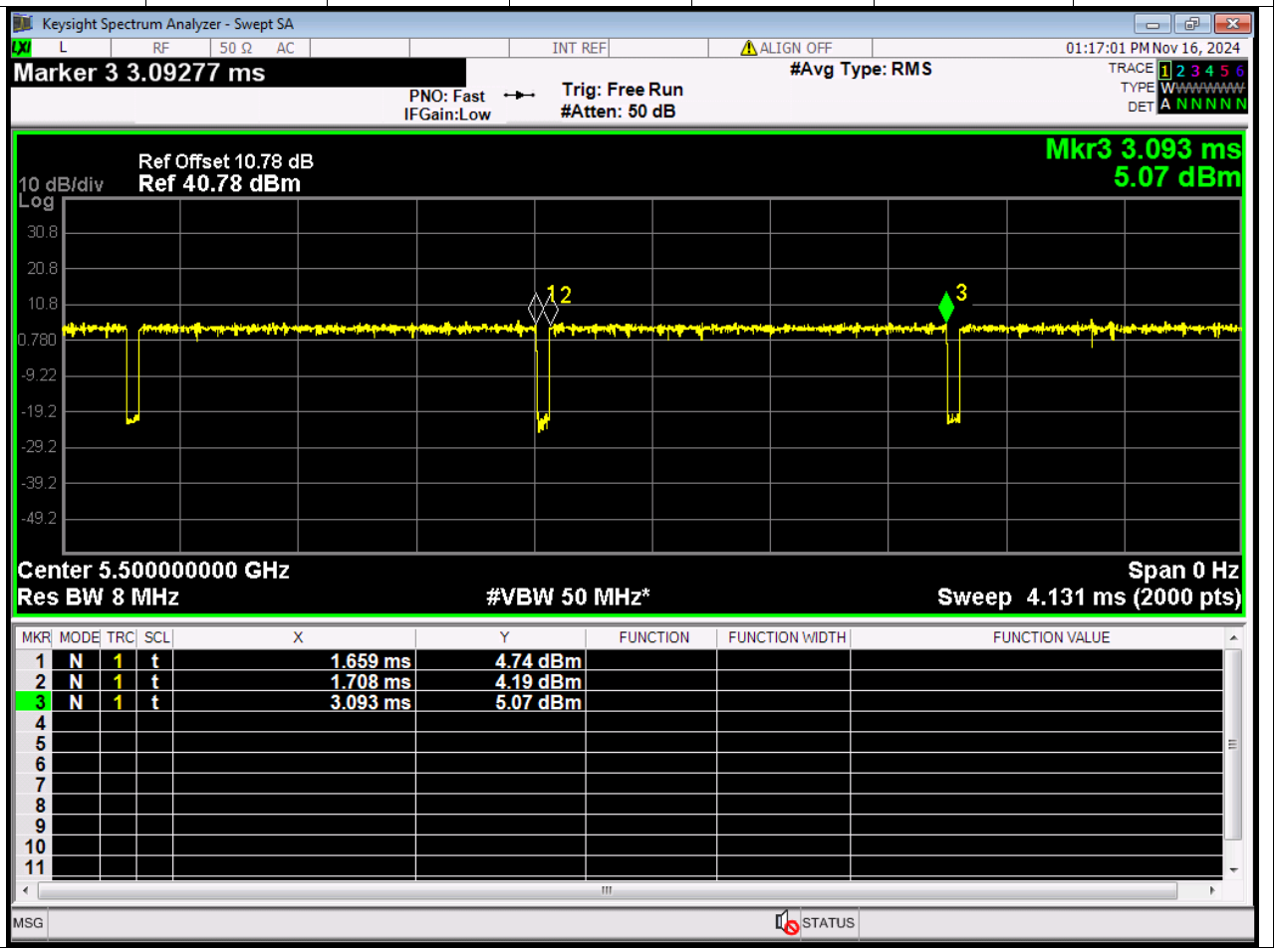
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5290	Ant1	0.96	0.190656054	0.975609756



13. 802.11a_Band3_BW20MHz

13.1. DUTY CYCLE(NTNV)

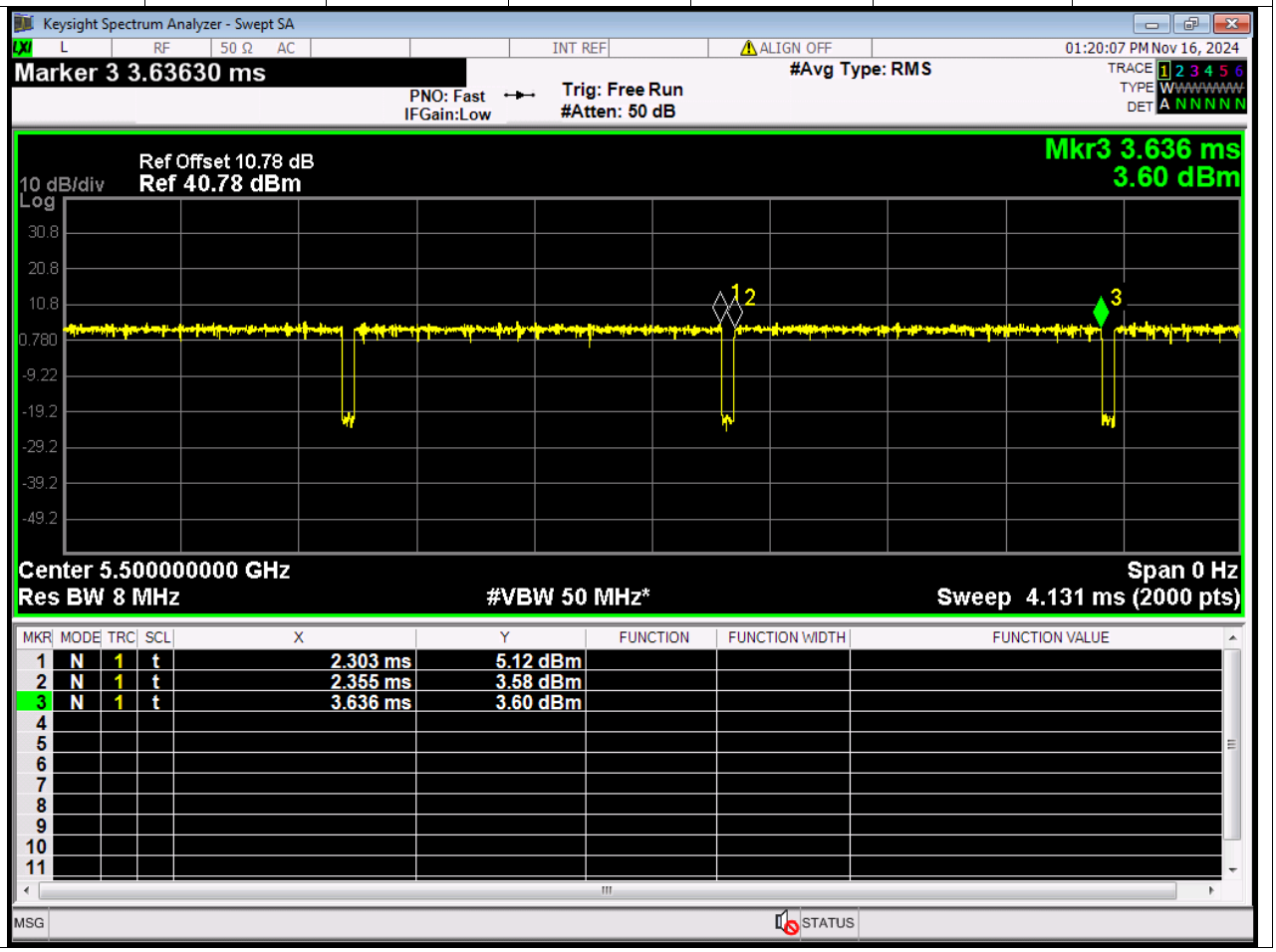
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	0.97	0.150993779	0.722021661



14. 802.11n_Band3_BW20MHz

14.1. DUTY CYCLE(NTNV)

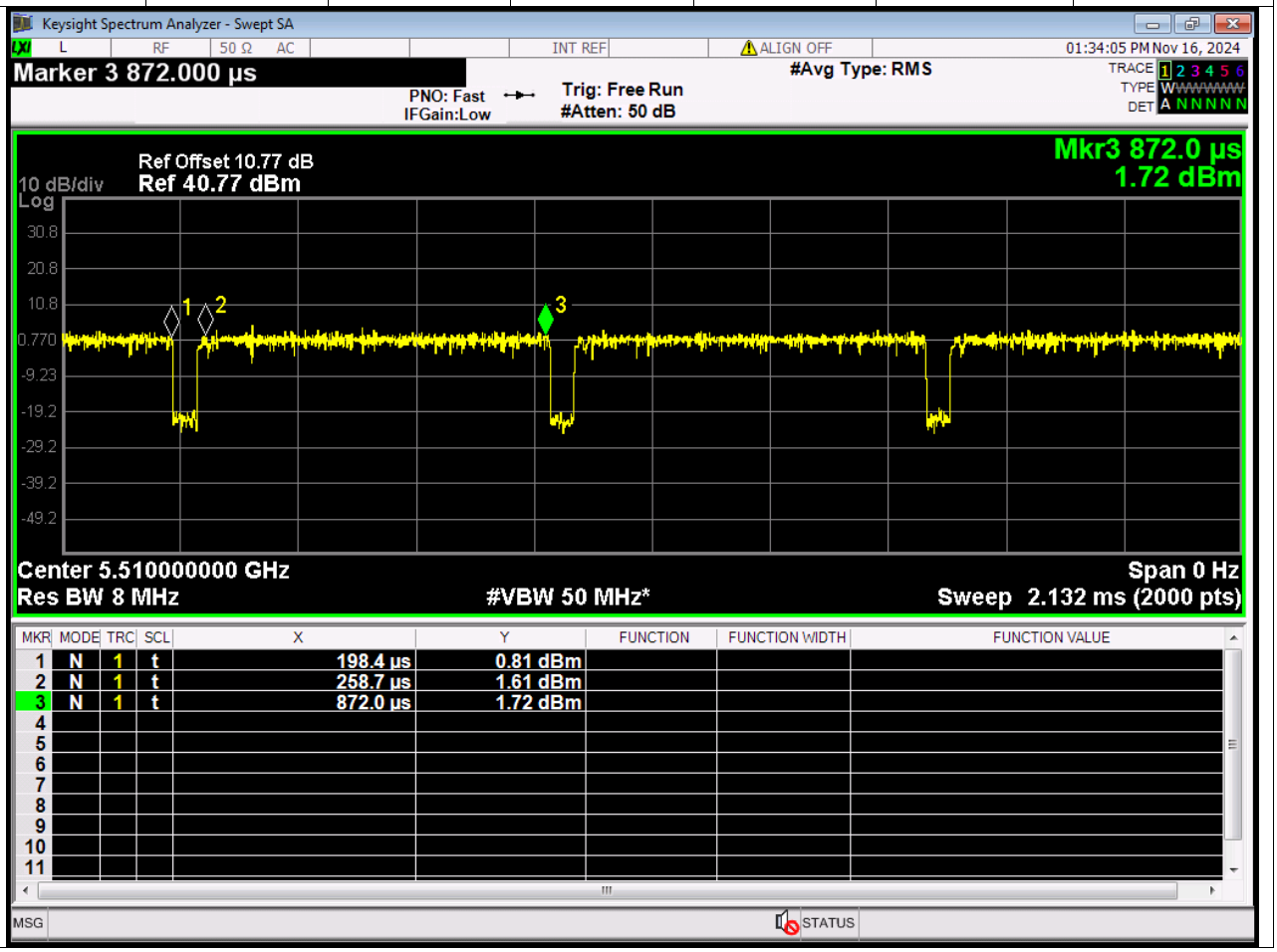
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5500	Ant1	0.96	0.172810197	0.780640125



15. 802.11n_Band3_BW40MHz

15.1. DUTY CYCLE(NTNV)

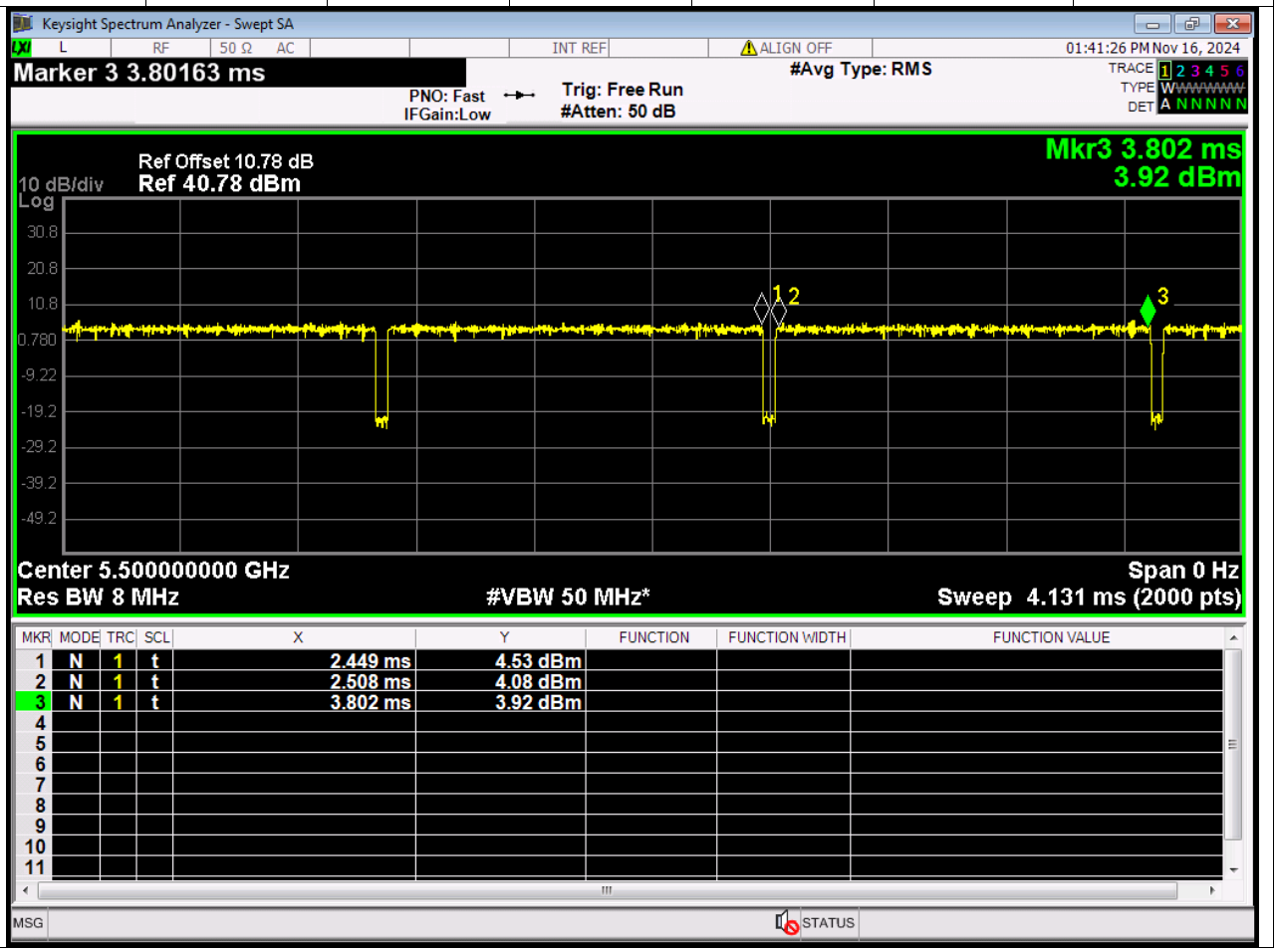
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5510	Ant1	0.91	0.407291138	1.630523398



16. 802.11ac_Band3_BW20MHz

16.1. DUTY CYCLE(NTNV)

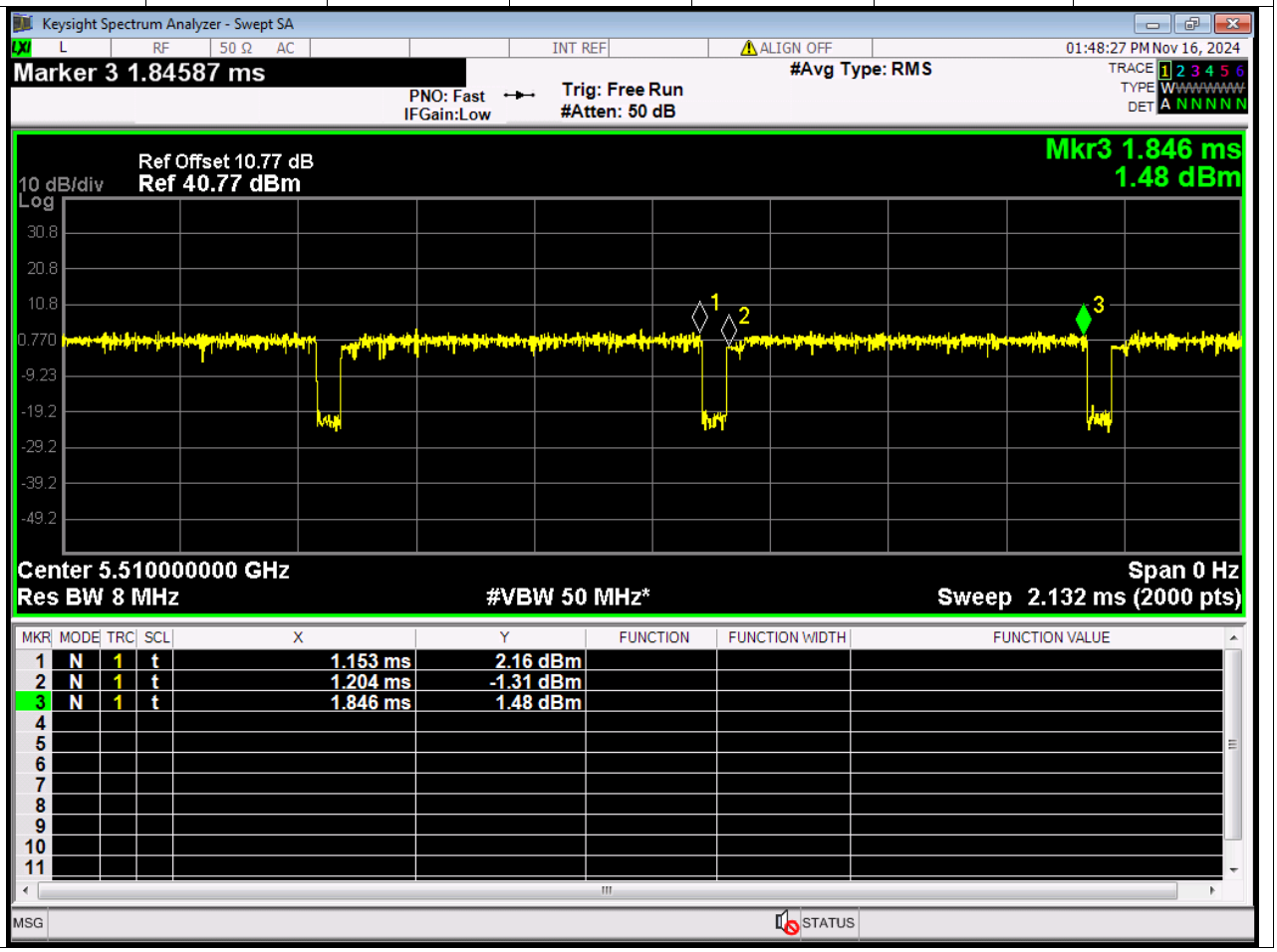
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5500	Ant1	0.96	0.193635203	0.772797527



17. 802.11ac_Band3_BW40MHz

17.1. DUTY CYCLE(NTNV)

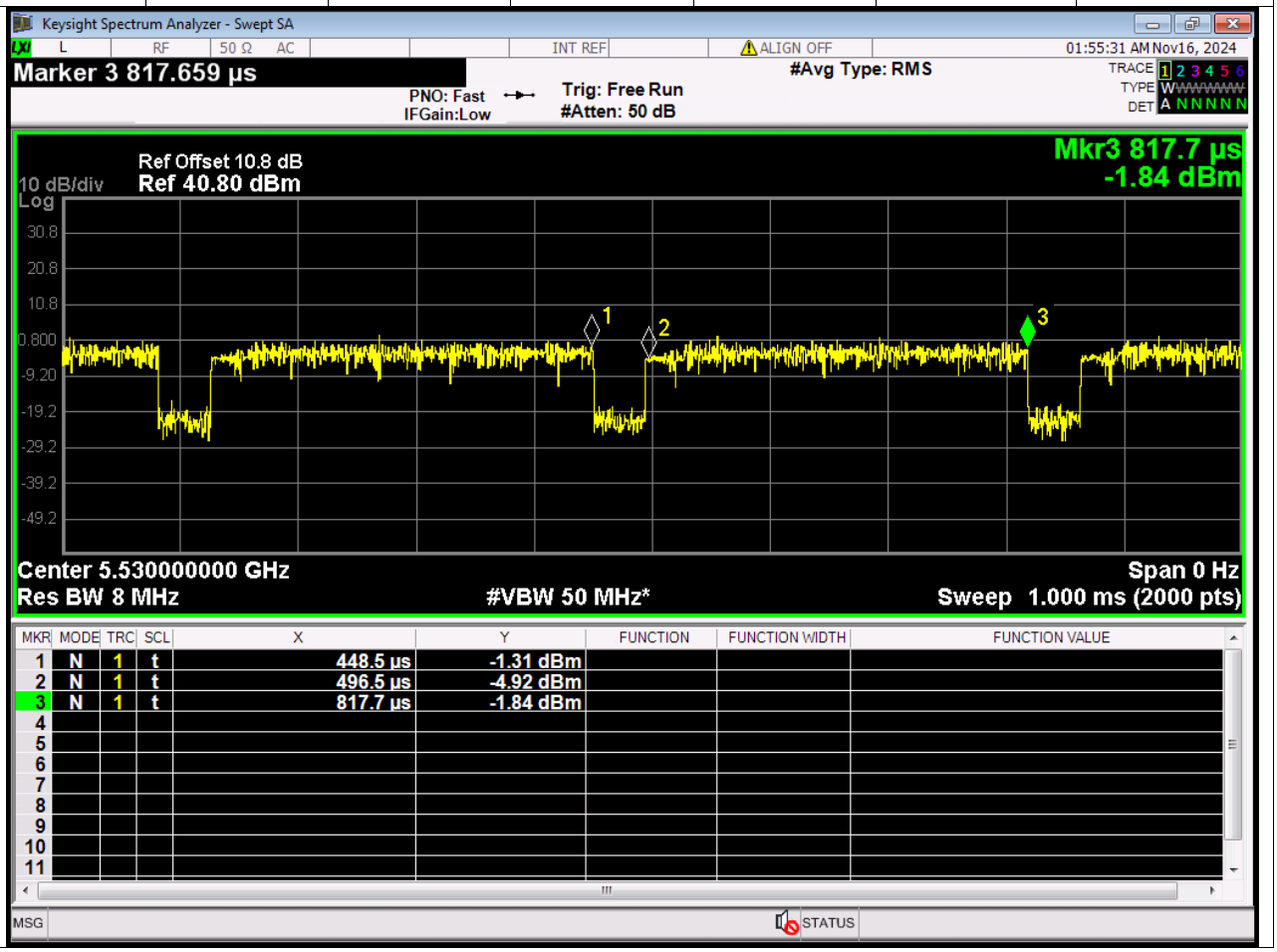
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5510	Ant1	0.93	0.331982065	1.557632399



18. 802.11ac_Band3_BW80MHz

18.1. DUTY CYCLE(NTNV)

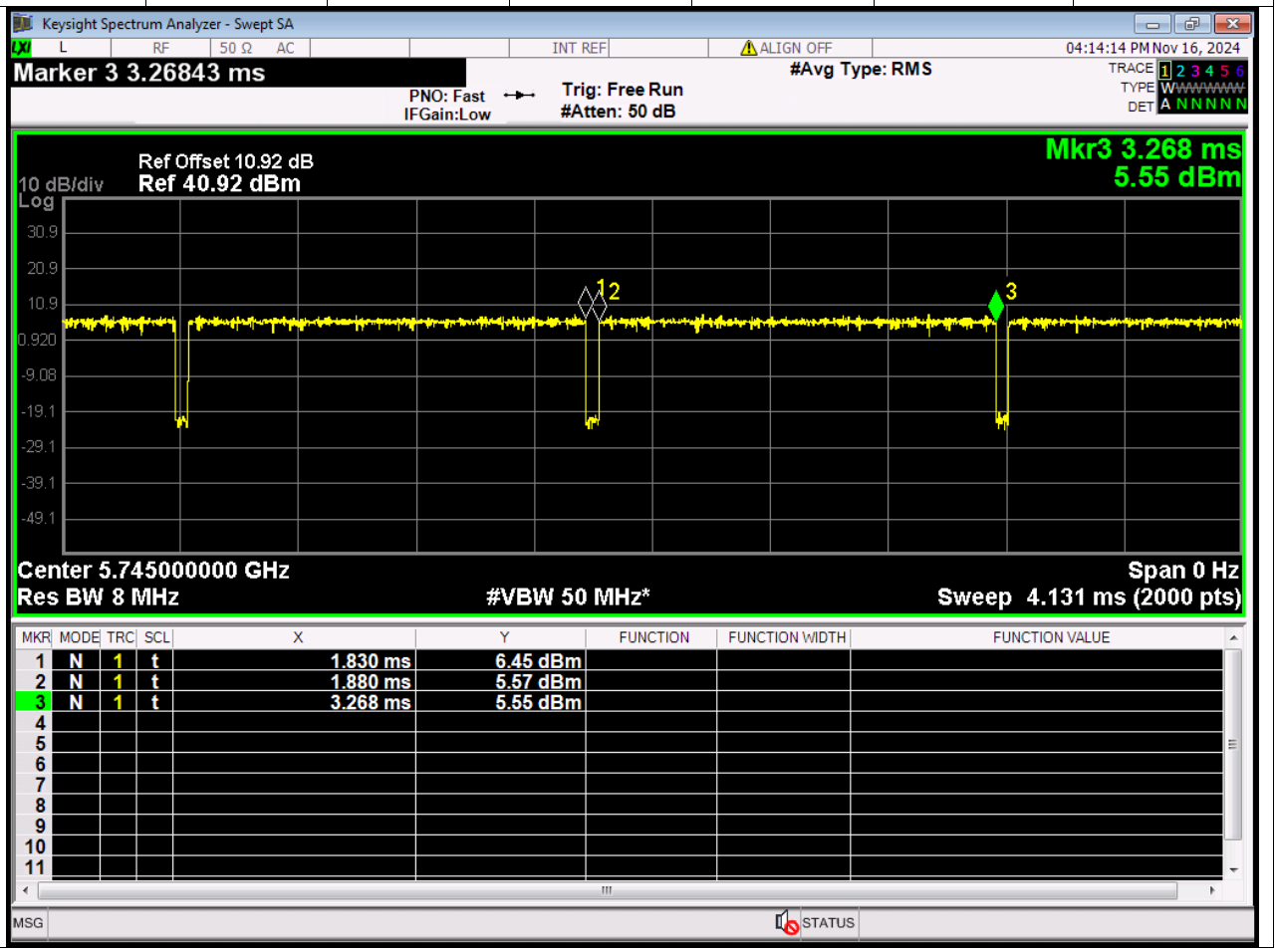
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5530	Ant1	0.87	0.604861557	3.113325031



19. 802.11a_Band4_BW20MHz

19.1. DUTY CYCLE(NTNV)

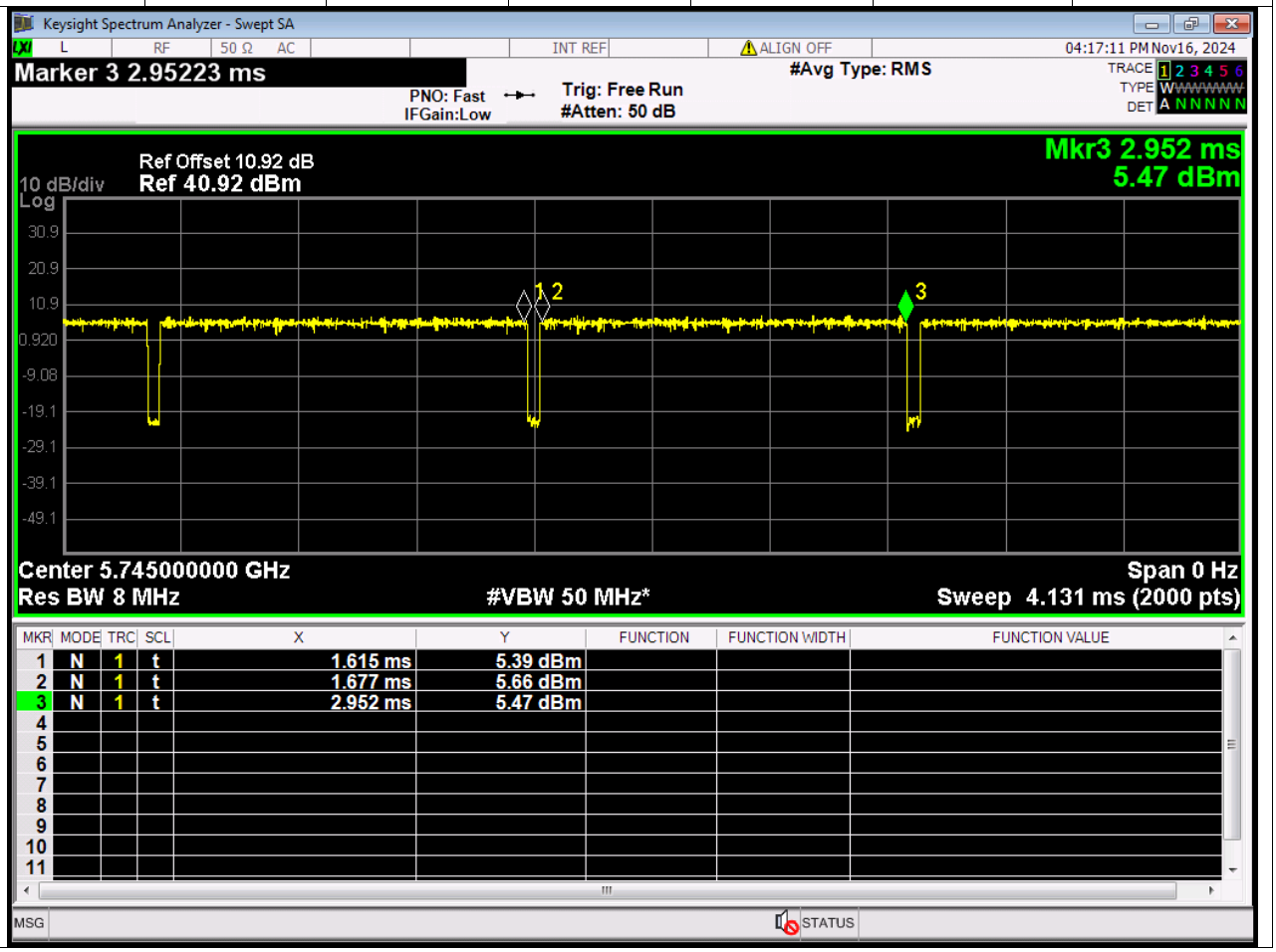
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	0.97	0.153694199	0.720461095



20. 802.11n_Band4_BW20MHz

20.1. DUTY CYCLE(NTNV)

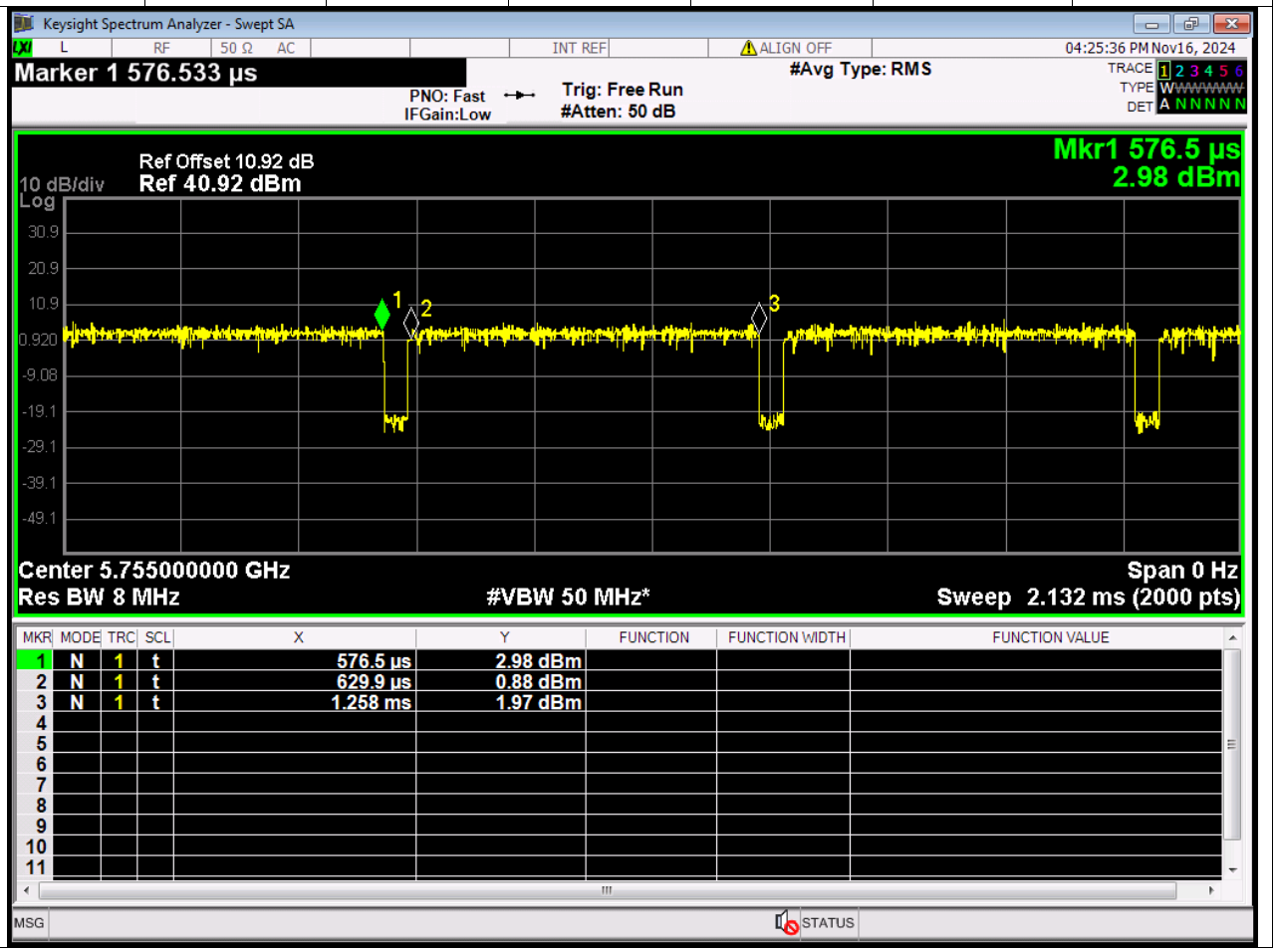
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5745	Ant1	0.95	0.206212225	0.784313725



21. 802.11n_Band4_BW40MHz

21.1. DUTY CYCLE(NTNV)

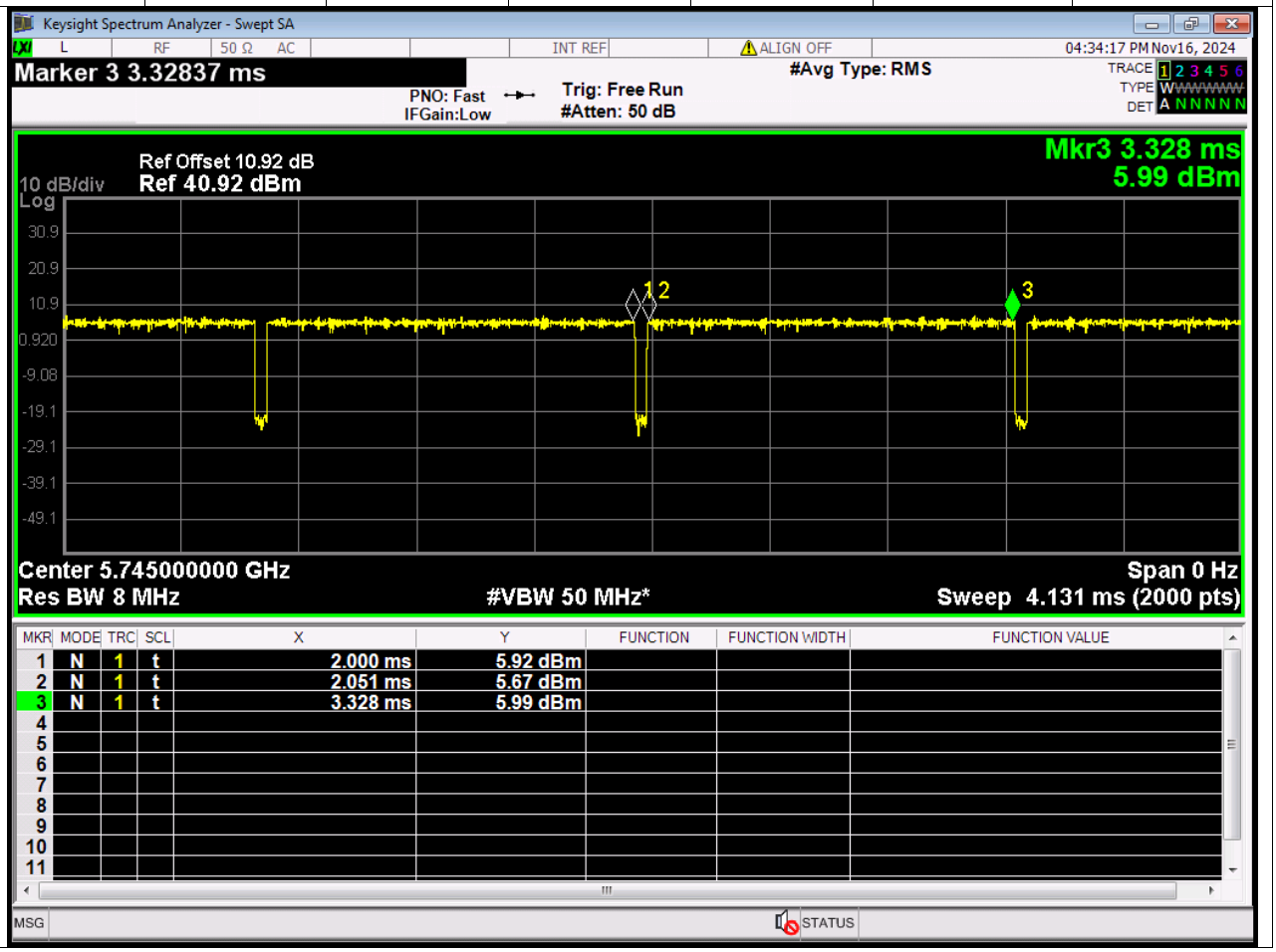
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	n	5755	Ant1	0.92	0.354370668	1.592103168



22. 802.11ac_Band4_BW20MHz

22.1. DUTY CYCLE(NTNV)

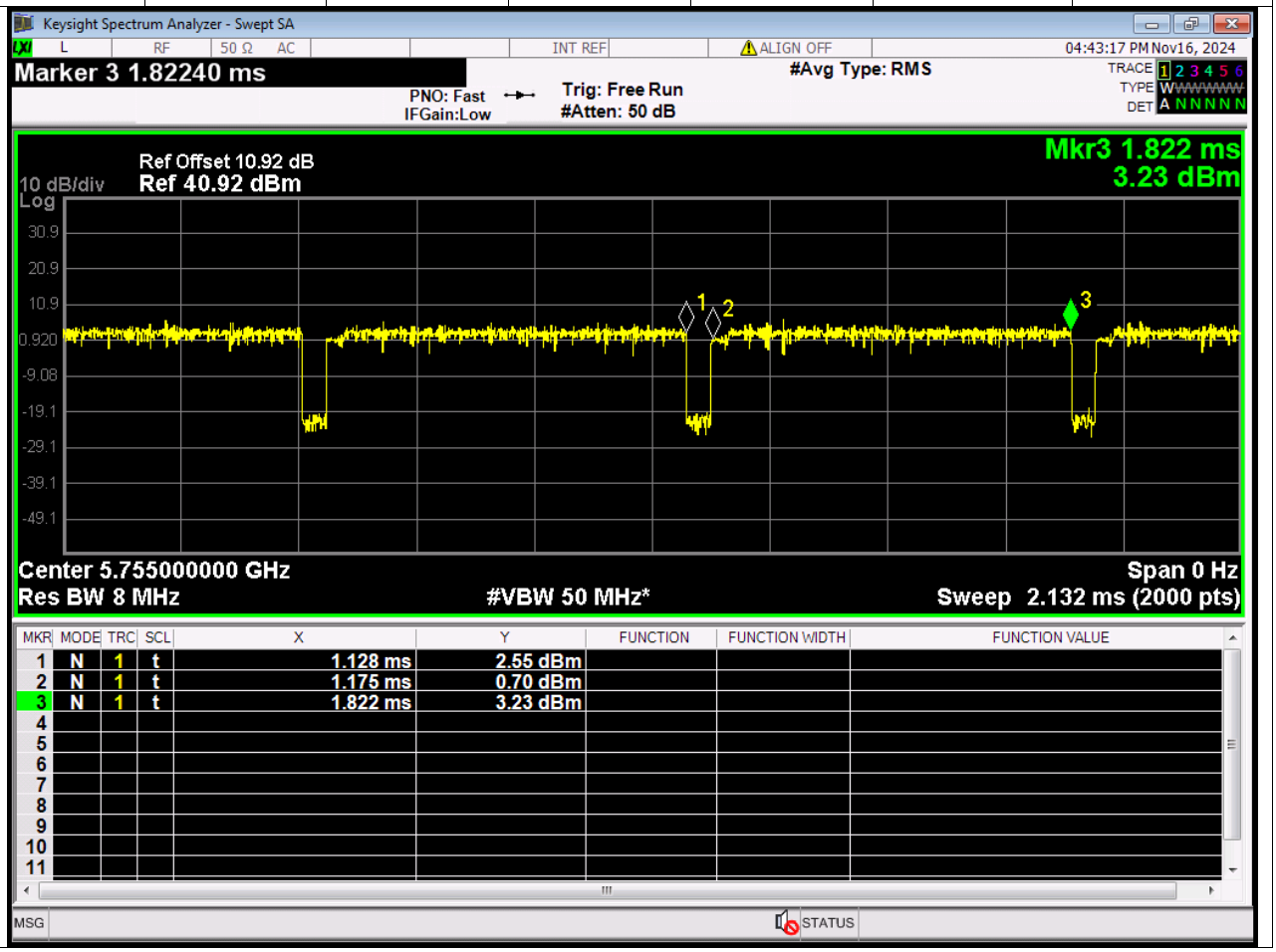
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5745	Ant1	0.96	0.170071778	0.783085356



23. 802.11ac_Band4_BW40MHz

23.1. DUTY CYCLE(NTNV)

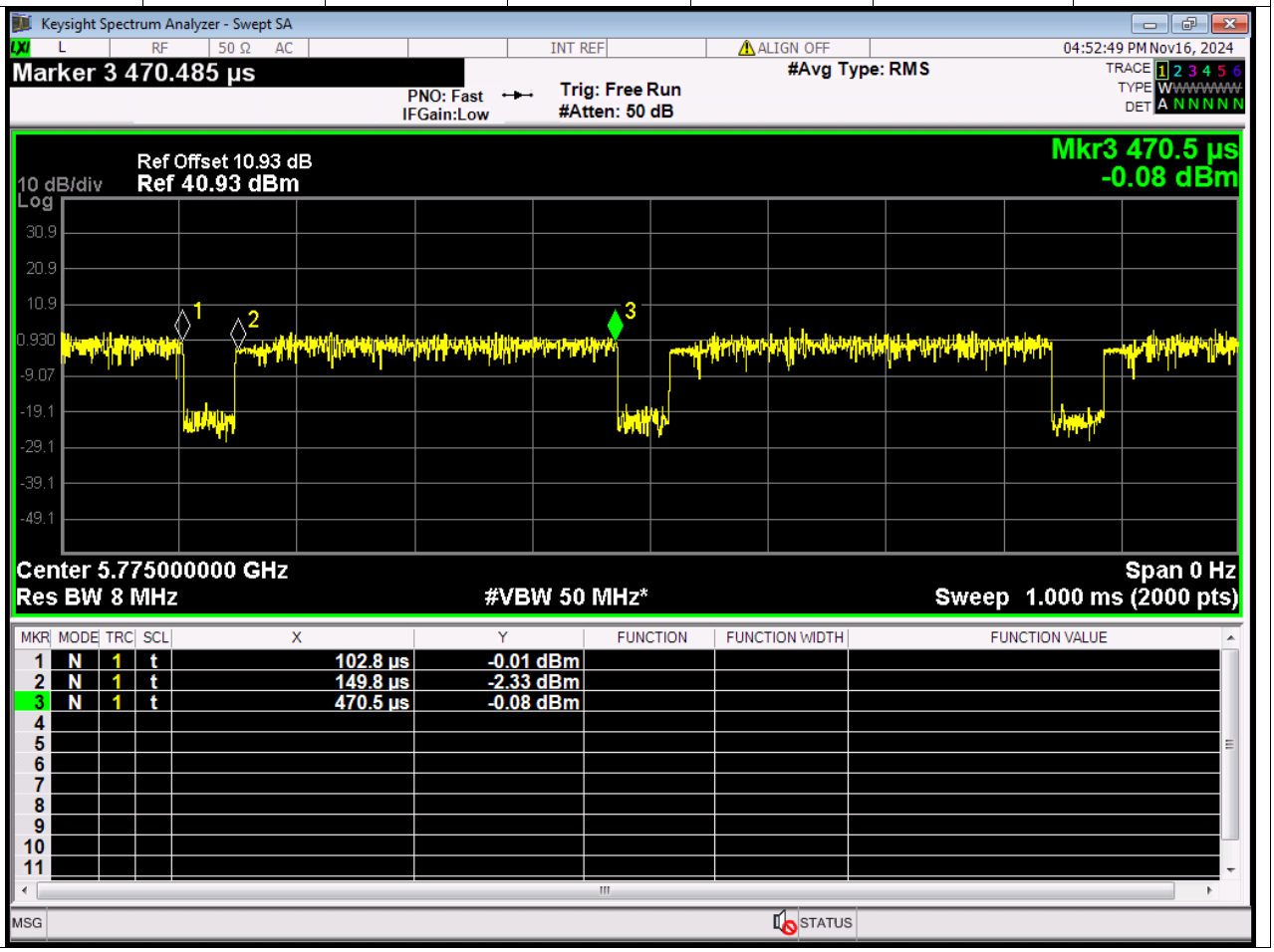
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5755	Ant1	0.93	0.304551898	1.545595054



24. 802.11ac_Band4_BW80MHz

24.1. DUTY CYCLE(NTNV)

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac	5775	Ant1	0.87	0.593946699	3.118178983



APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC ID.

※※※※※END OF THE REPORT※※※※※