

Annex A. 6dB BandWidth

Main Antenna

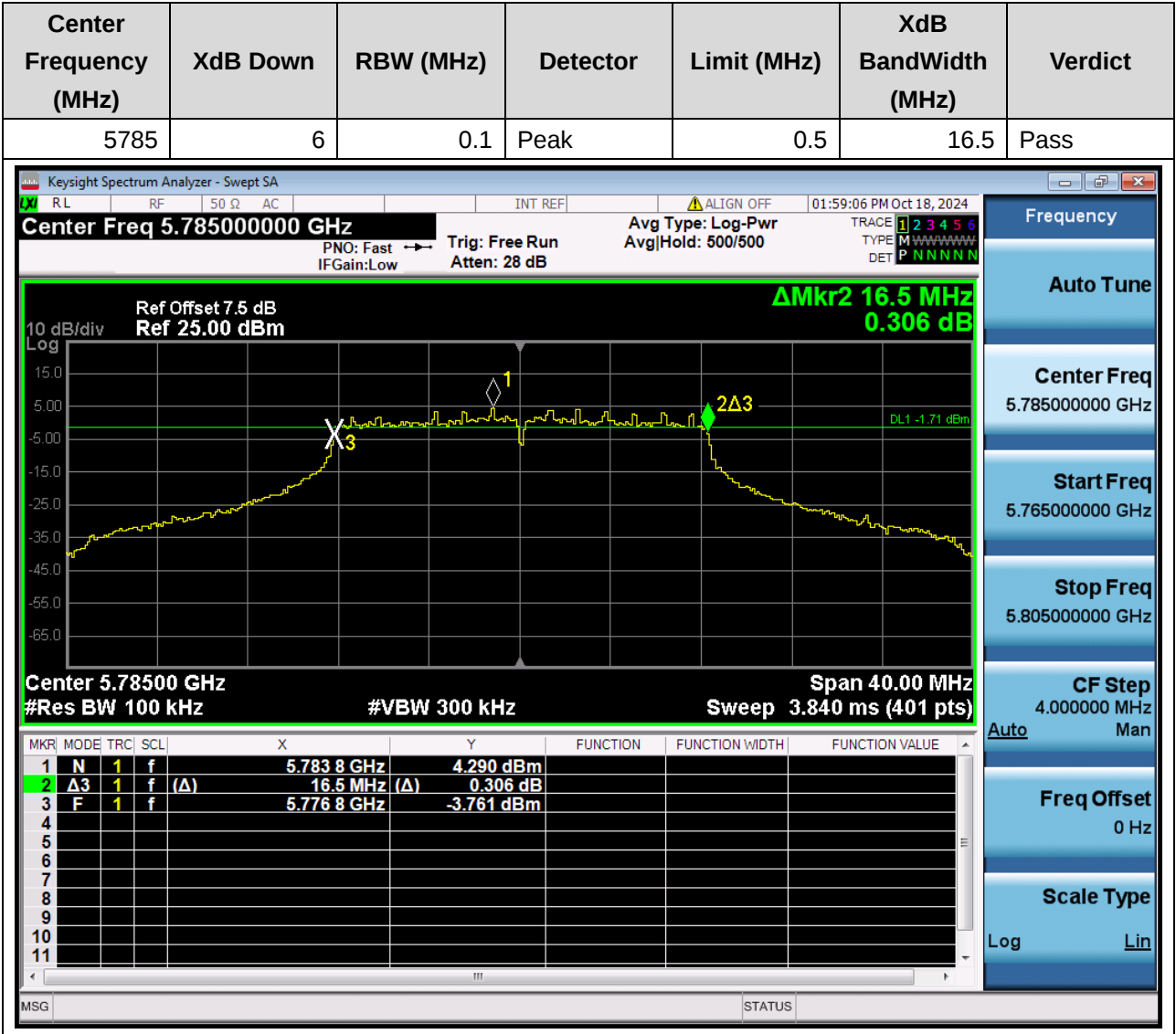
1. 802.11a_20M_Band4_L

1.1 A.2.1-6dB BandWidth(NTNV)



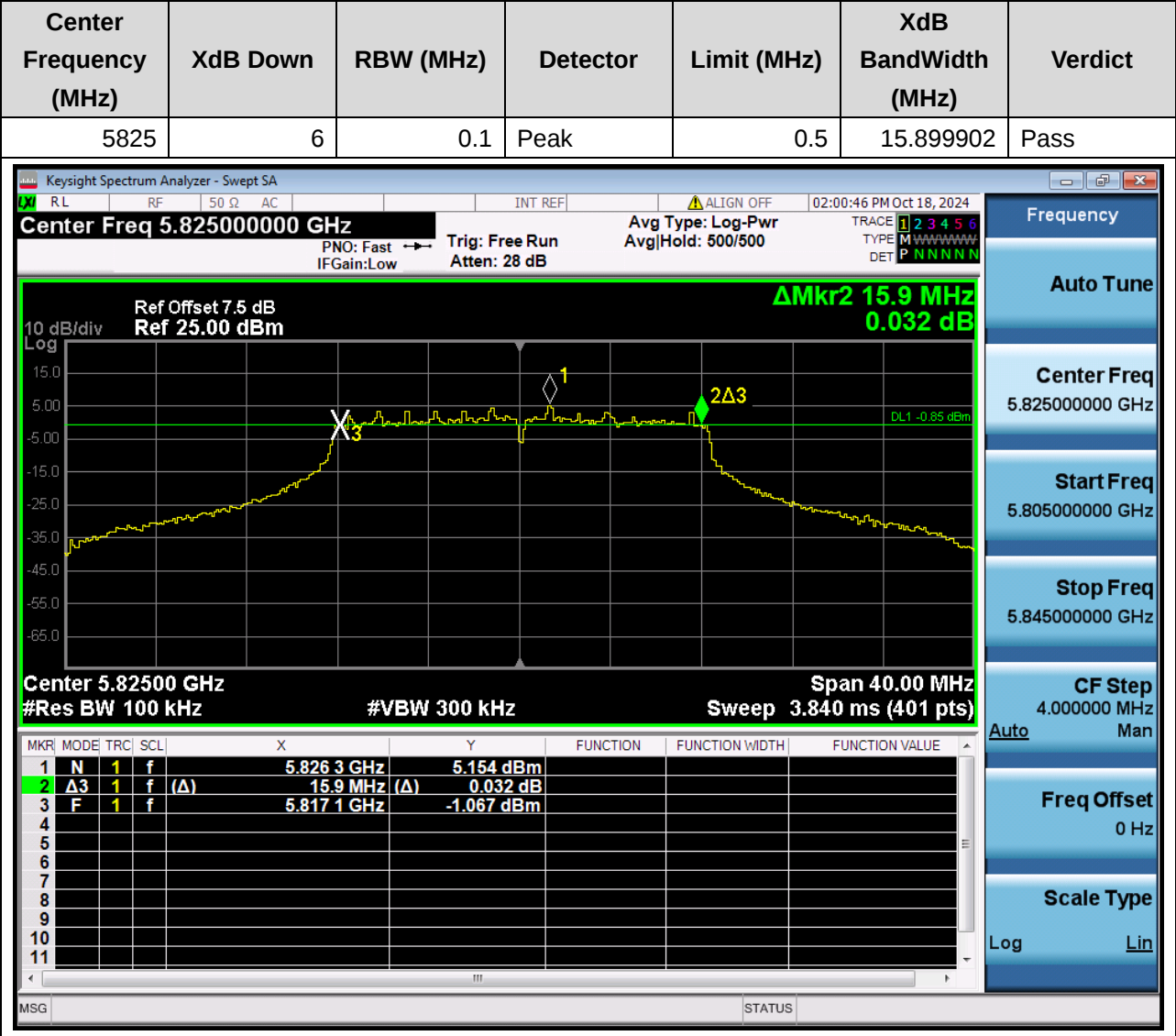
2. 802.11a_20M_Band4_M

2.1 A.2.1-6dB BandWidth(NTNV)



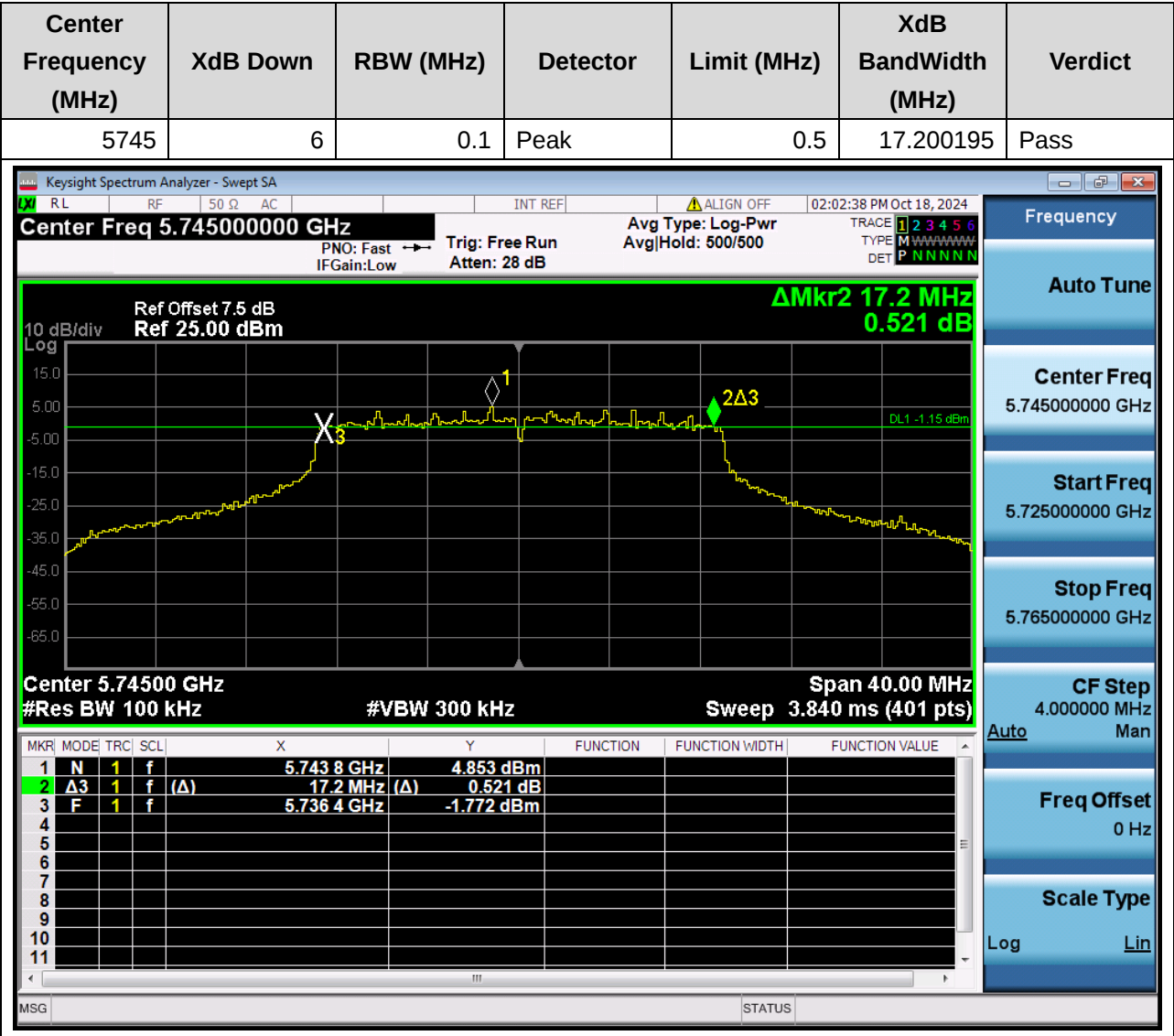
3. 802.11a_20M_Band4_H

3.1 A.2.1-6dB BandWidth(NTNV)



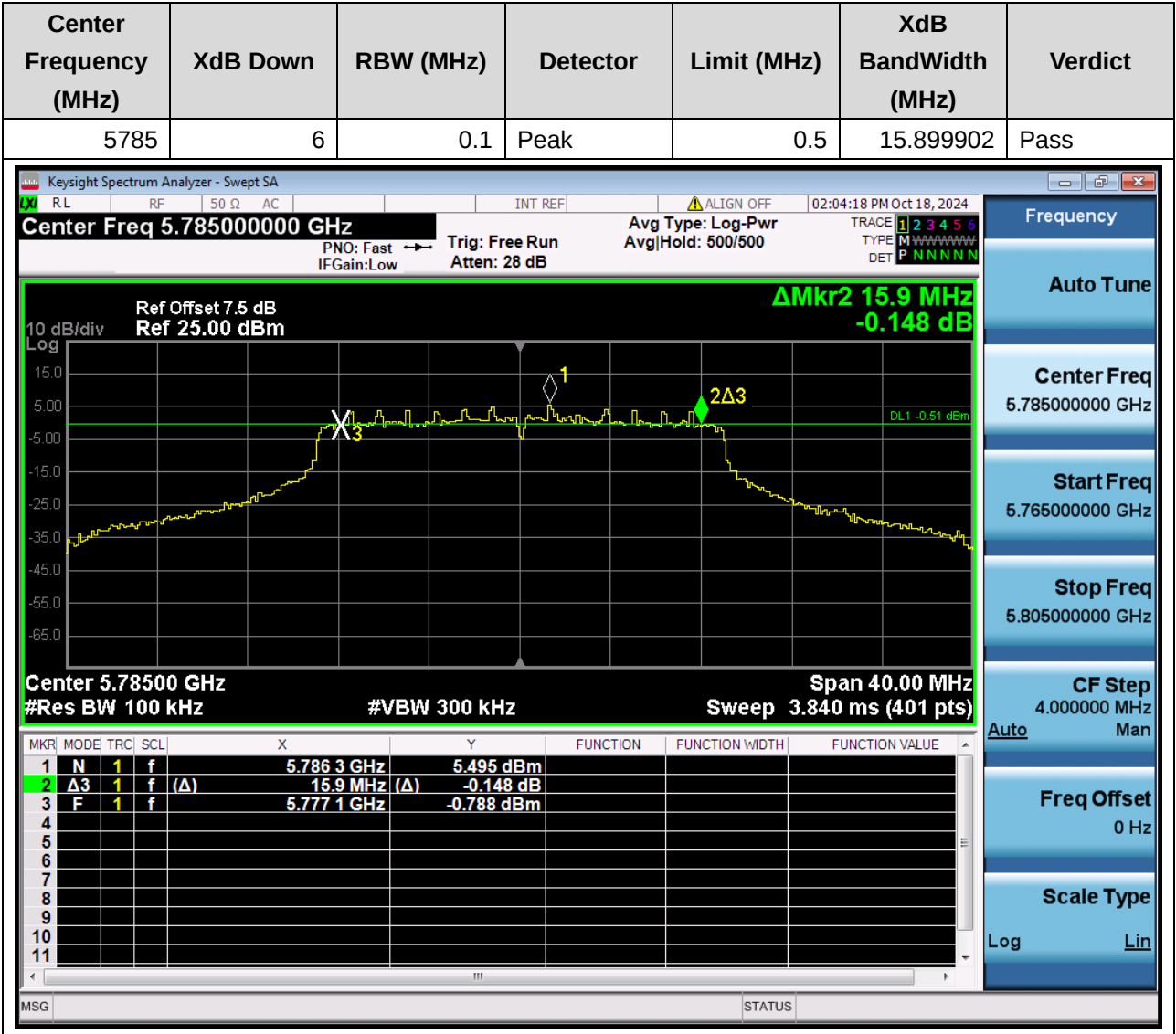
4. 802.11n_20M_Band4_L

4.1 A.2.1-6dB BandWidth(NTNV)



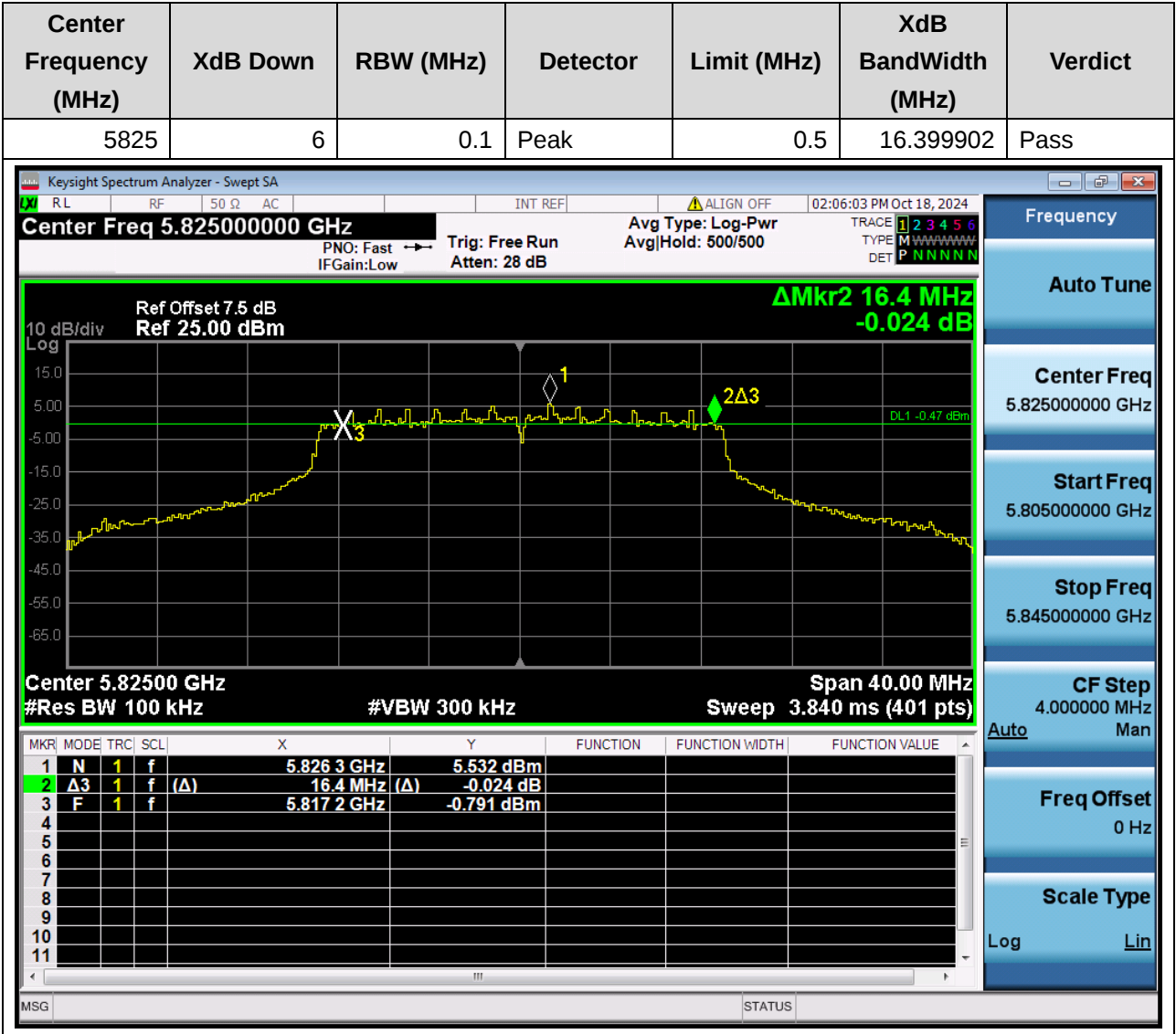
5. 802.11n_20M_Band4_M

5.1 A.2.1-6dB BandWidth(NTNV)



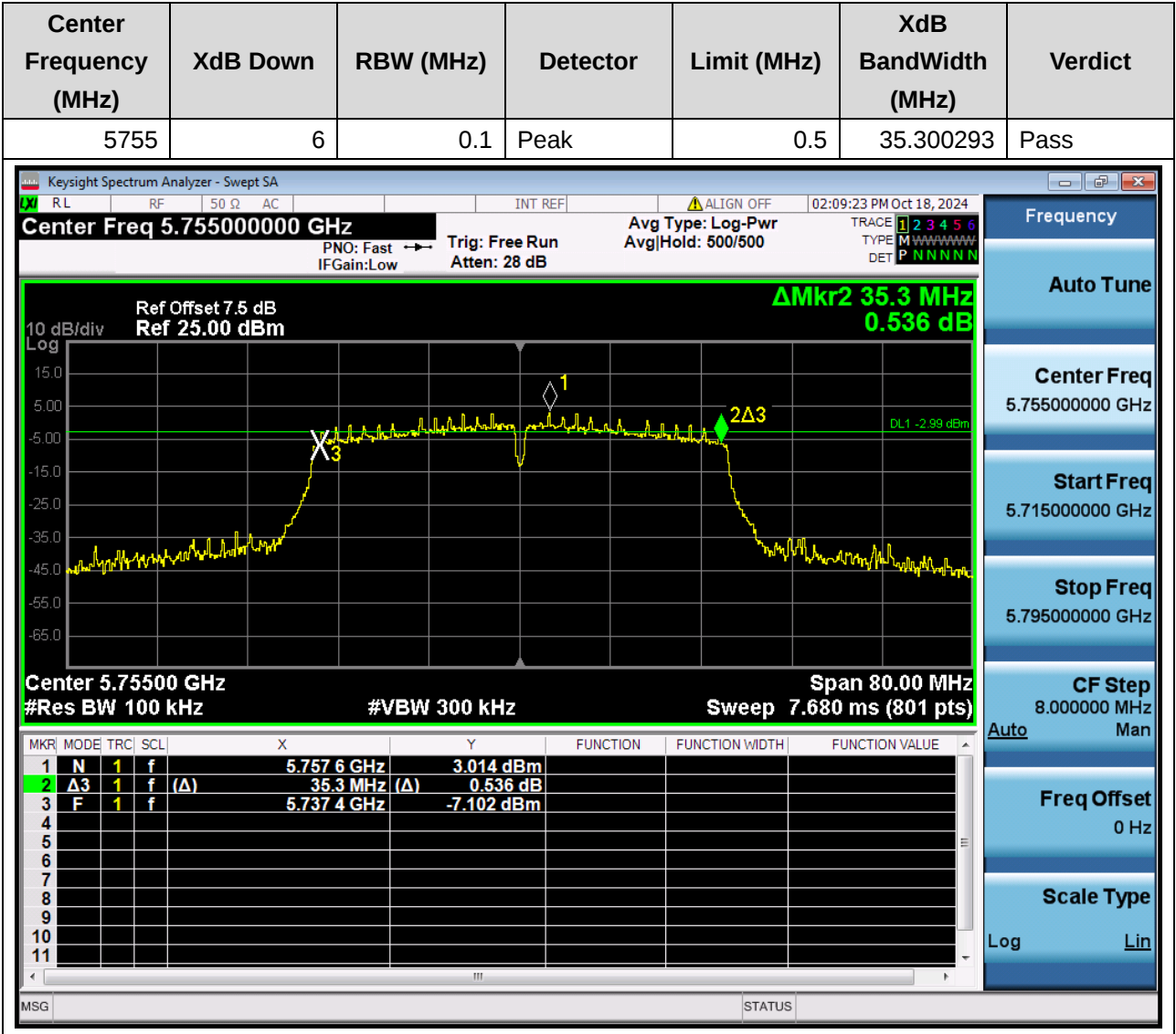
6. 802.11n_20M_Band4_H

6.1 A.2.1-6dB BandWidth(NTNV)



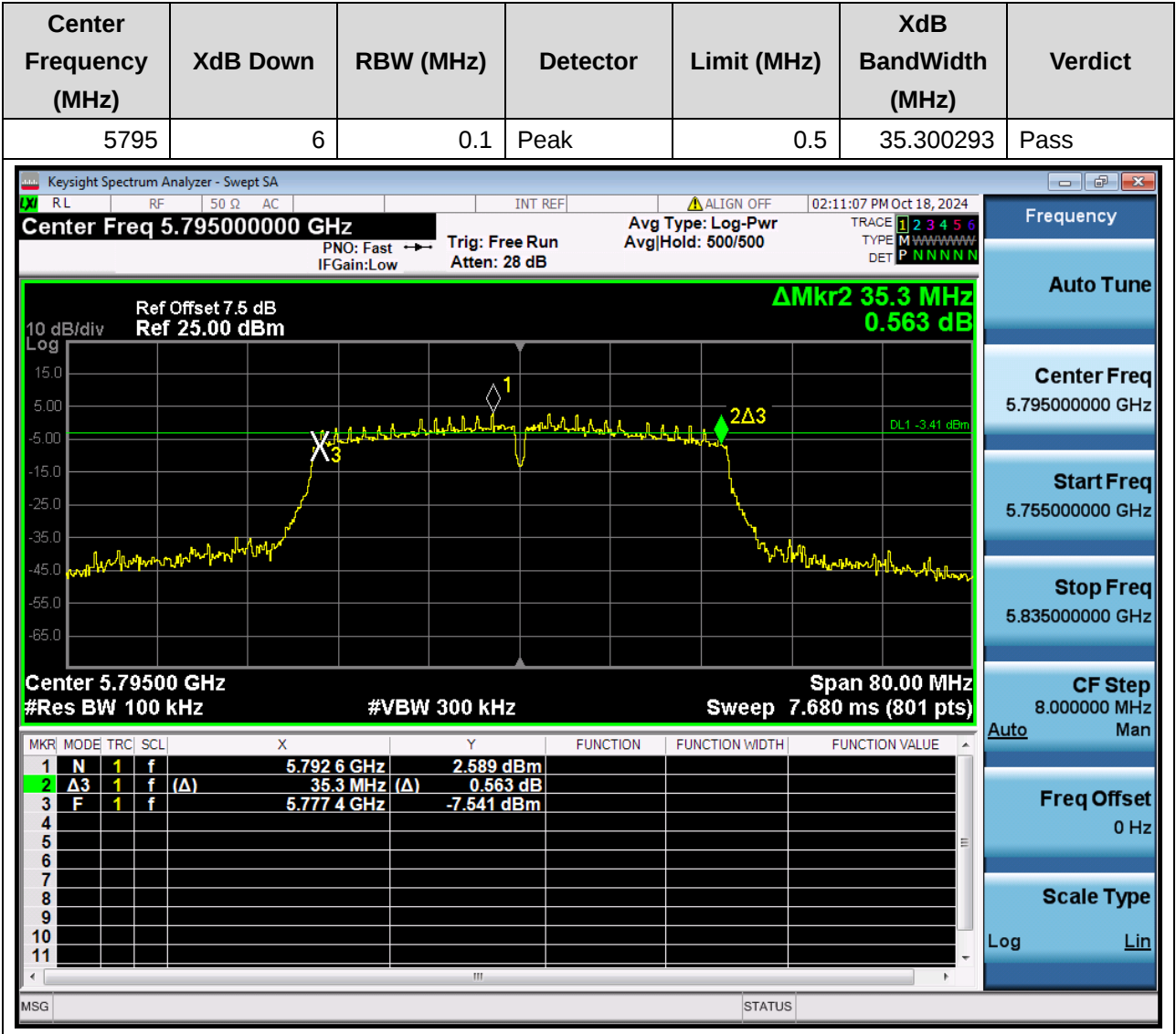
7. 802.11n_40M_Band4_L

7.1 A.2.1-6dB BandWidth(NTNV)



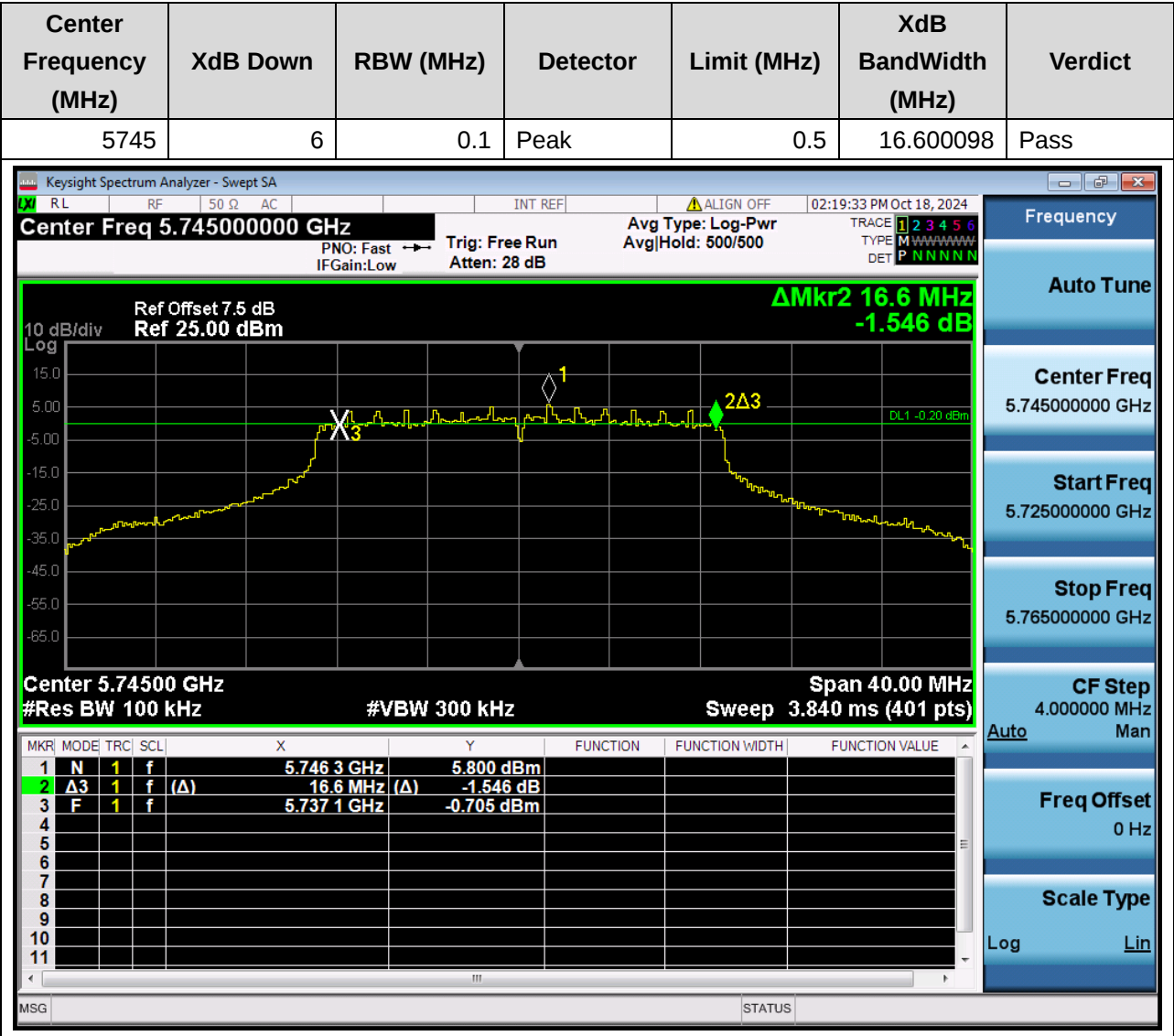
8. 802.11n_40M_Band4_H

8.1 A.2.1-6dB BandWidth(NTNV)



9. 802.11ac_20M_Band4_L

9.1 A.2.1-6dB BandWidth(NTNV)



10. 802.11ac_20M_Band4_M

10.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	6	0.1	Peak	0.5	16.5	Pass



11. 802.11ac_20M_Band4_H

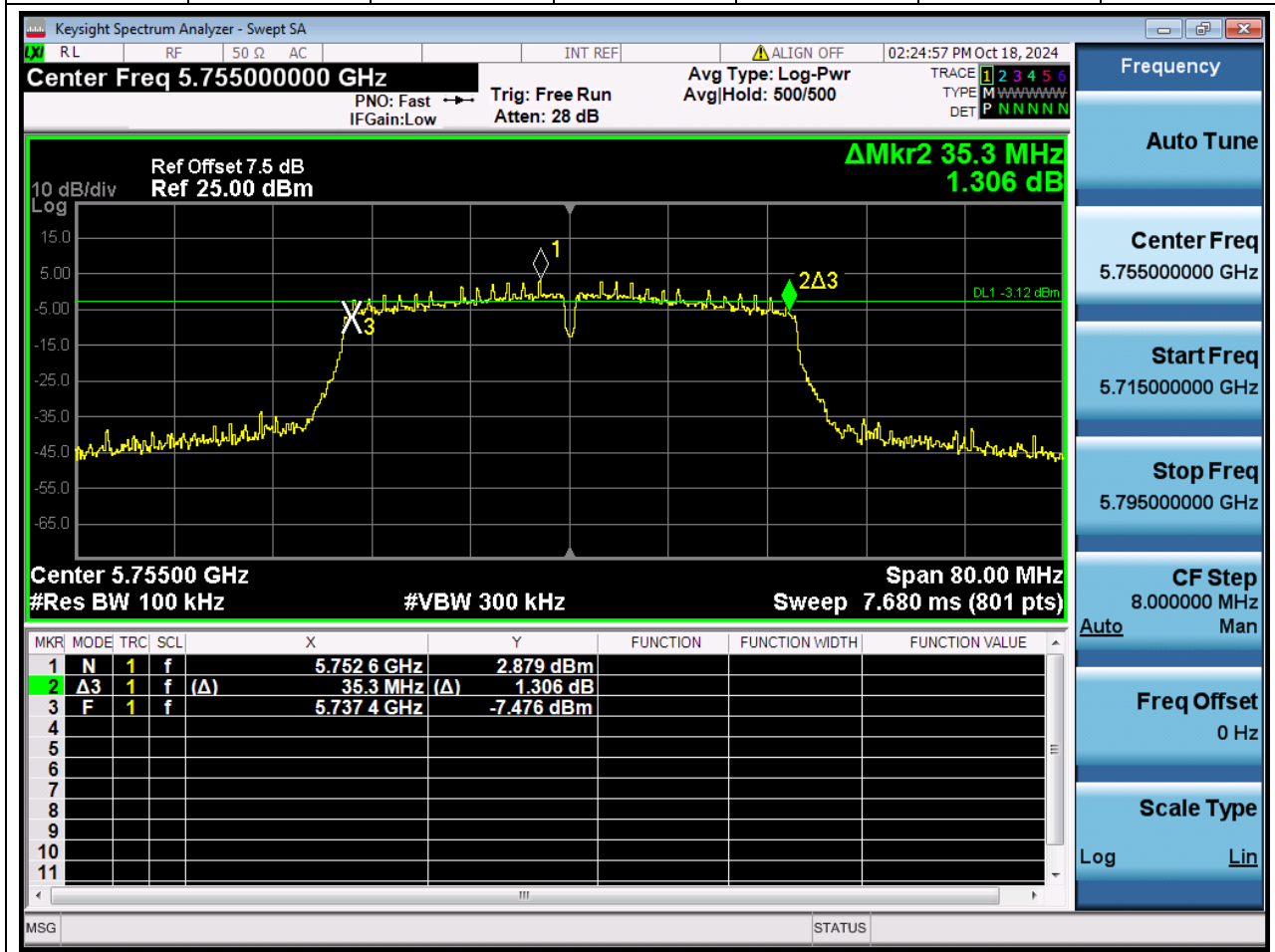
11.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5825	6	0.1	Peak	0.5	16.5	Pass



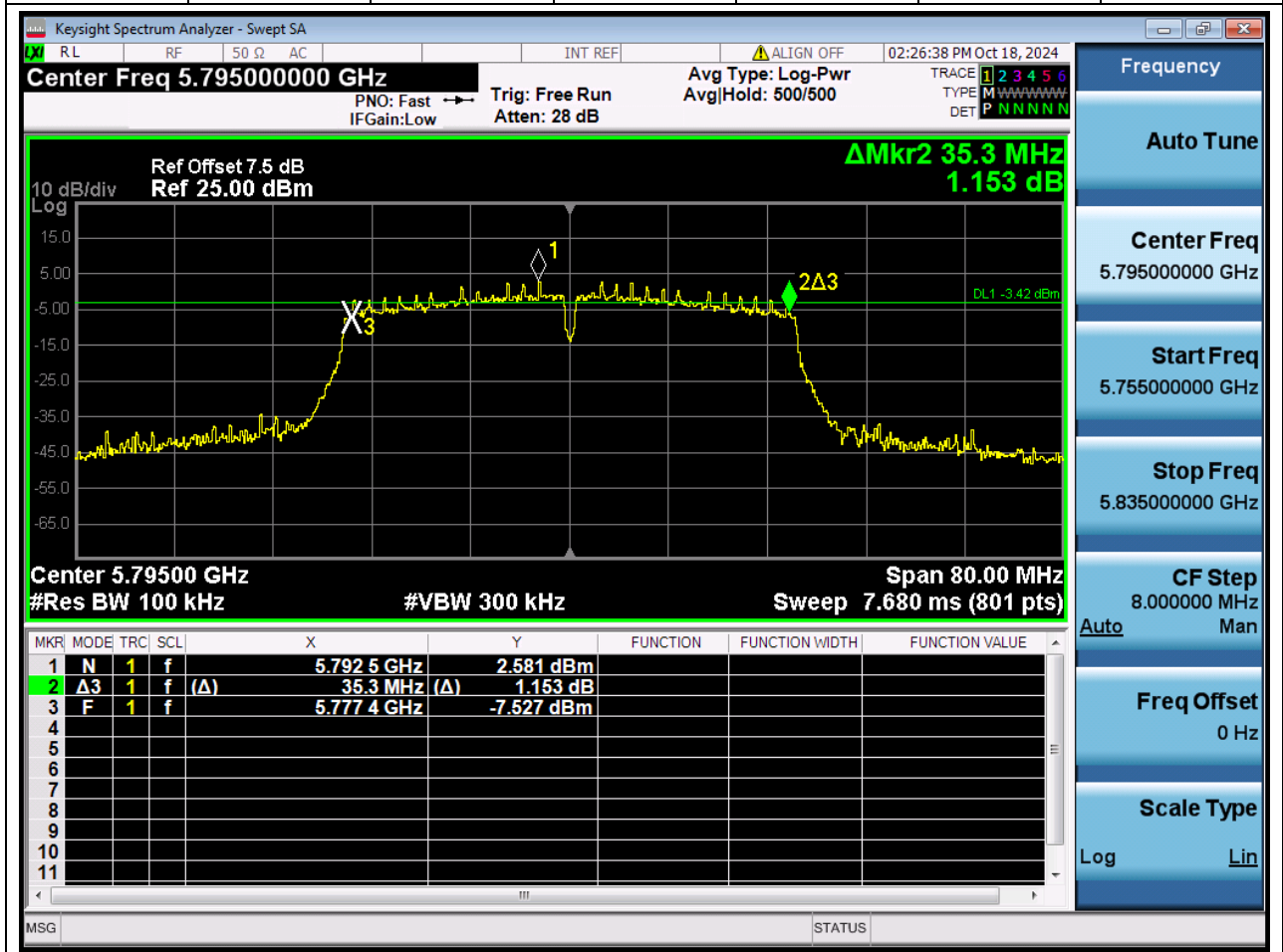
12.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.300293	Pass



13.1 A.2.1-6dB BandWidth(NTNV)

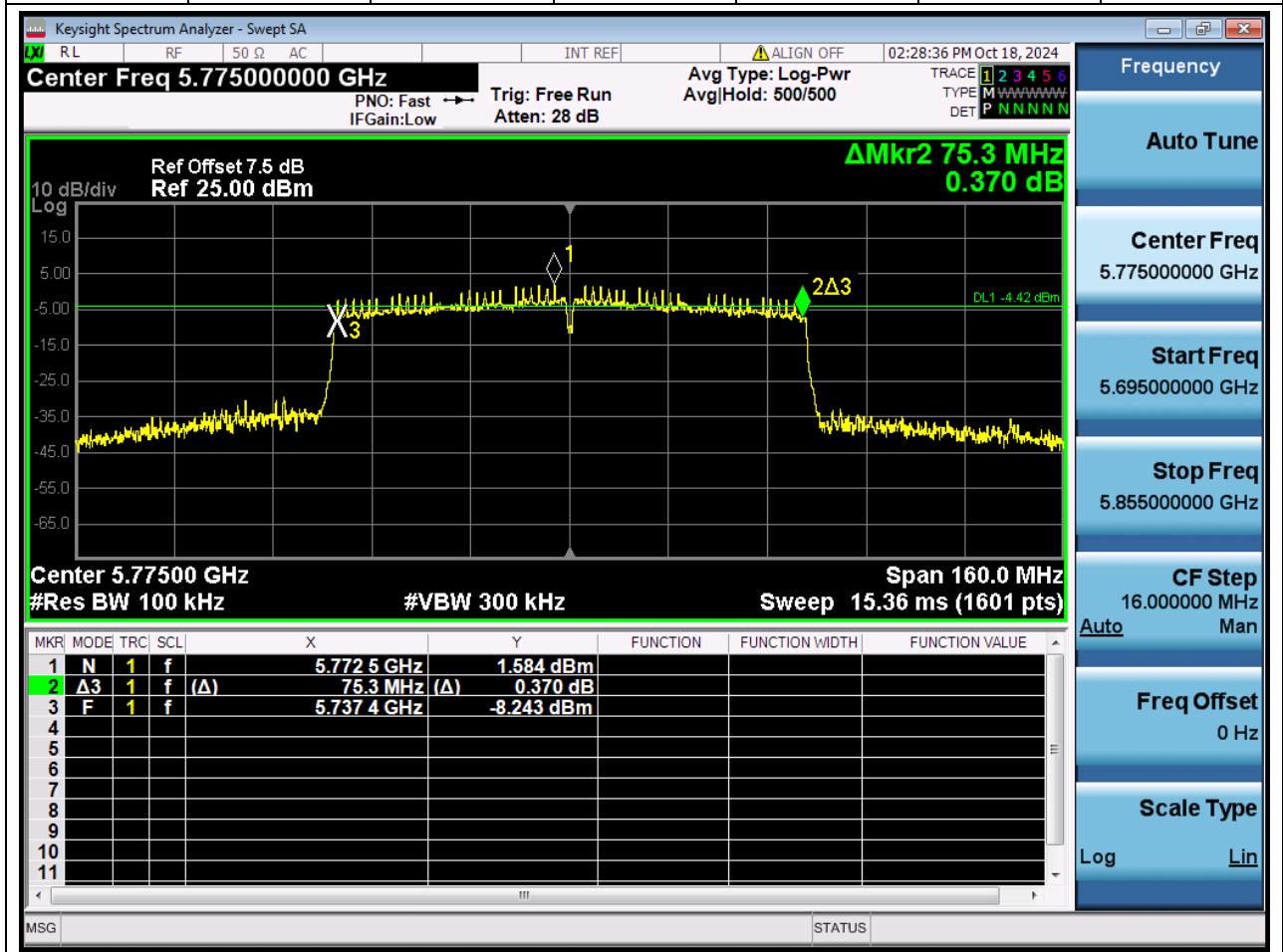
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5795	6	0.1	Peak	0.5	35.300293	Pass



14. 802.11ac_80M_Band4_M

14.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5775	6	0.1	Peak	0.5	75.300293	Pass



15. 802.11ax_20M_Band4_L

15.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	6	0.1	Peak	0.5	19.100098	Pass



16. 802.11ax_20M_Band4_M

16.1 A.2.1-6dB BandWidth(NTNV)

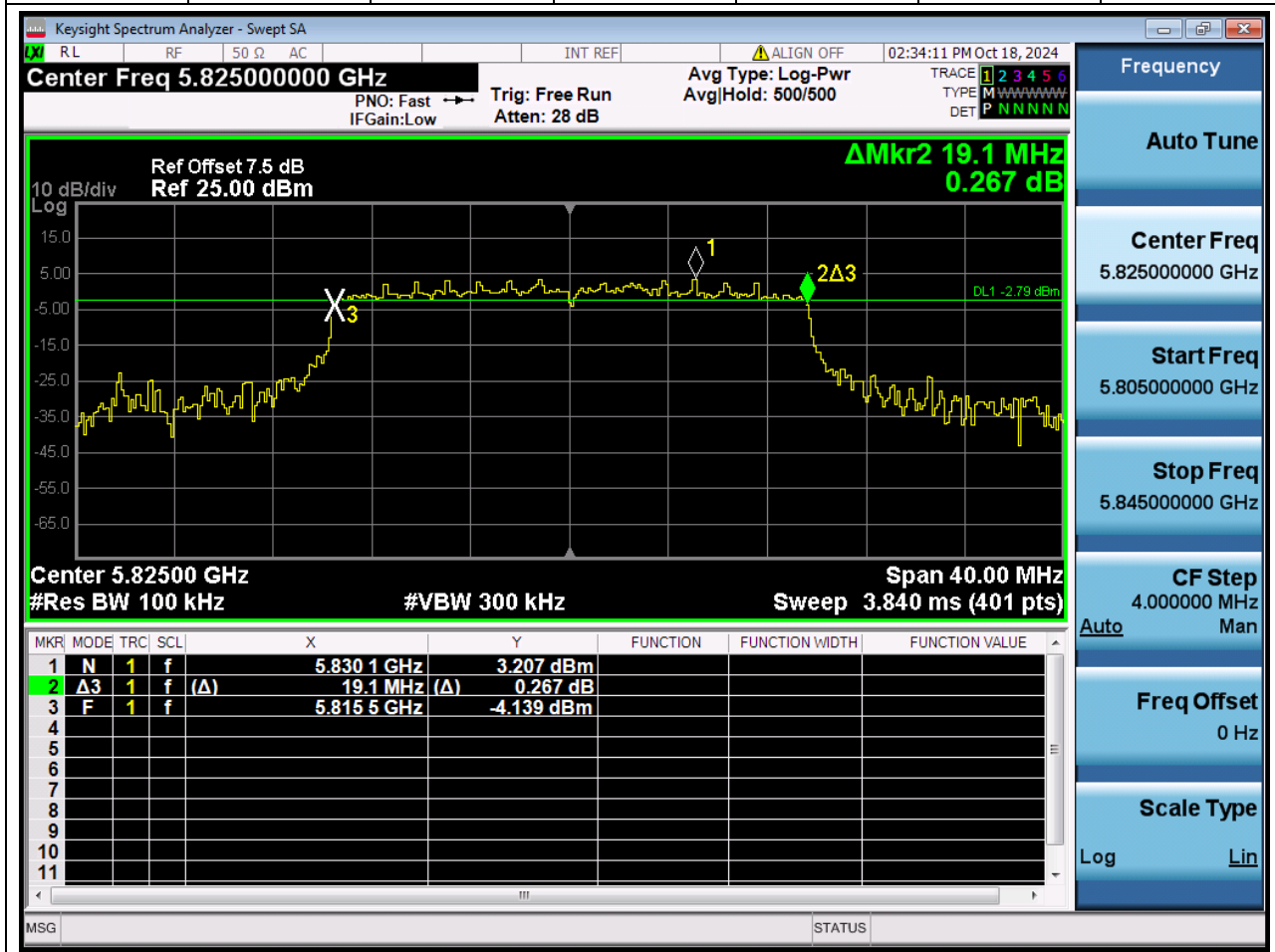
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	6	0.1	Peak	0.5	19	Pass



17. 802.11ax_20M_Band4_H

17.1 A.2.1-6dB BandWidth(NTNV)

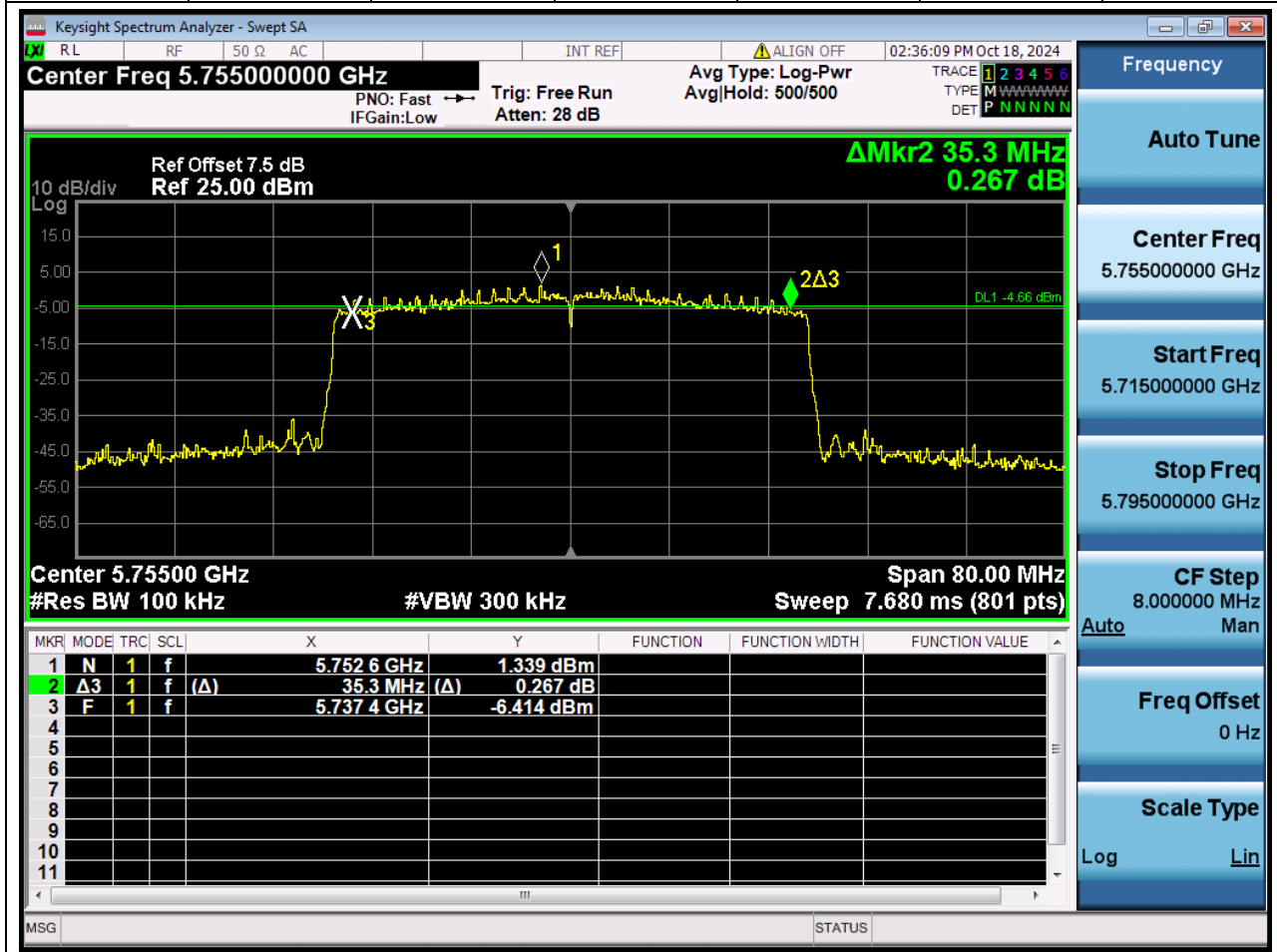
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5825	6	0.1	Peak	0.5	19.100098	Pass



18. 802.11ax_40M_Band4_L

18.1 A.2.1-6dB BandWidth(NTNV)

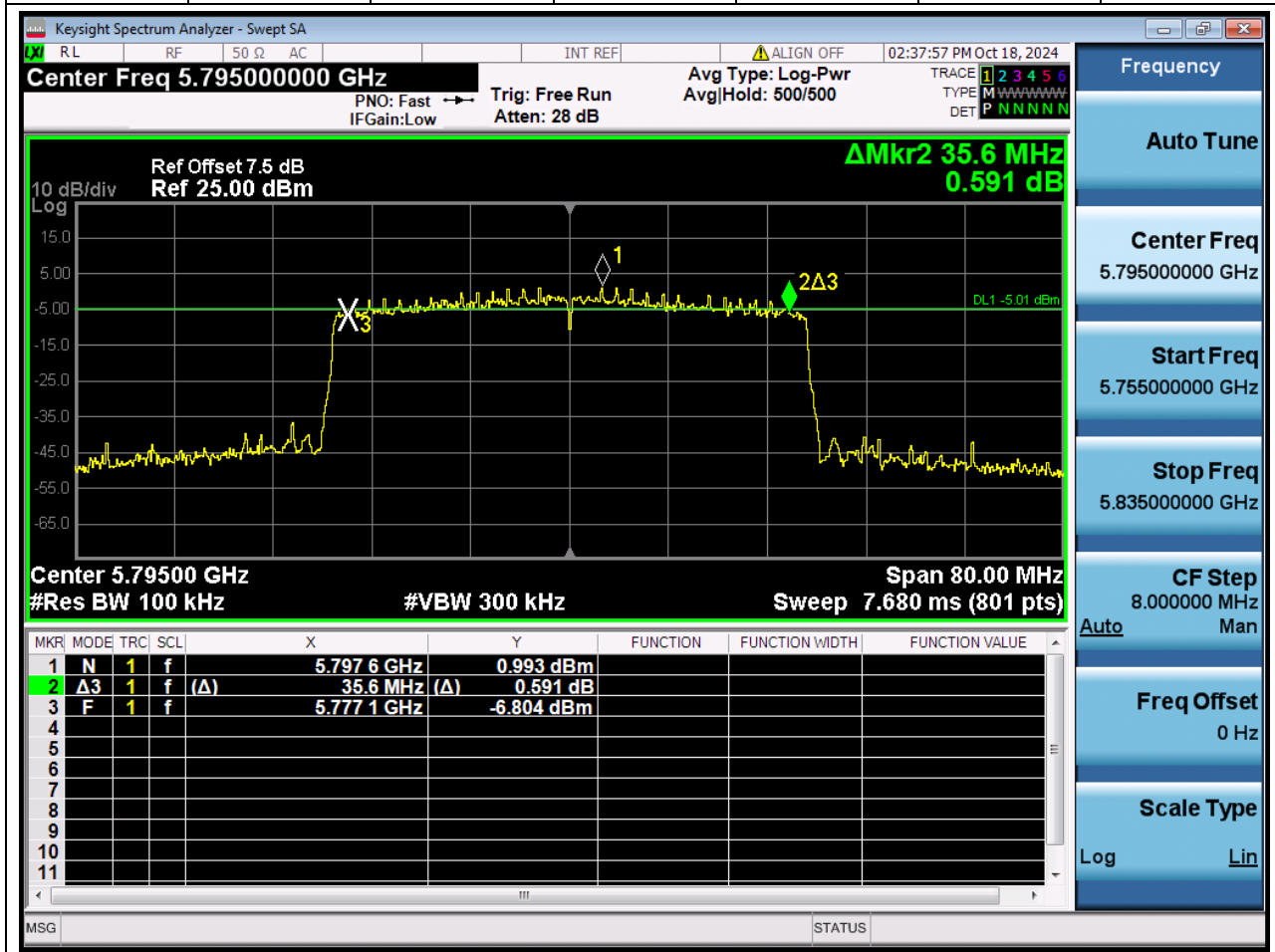
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.300293	Pass



19. 802.11ax_40M_Band4_H

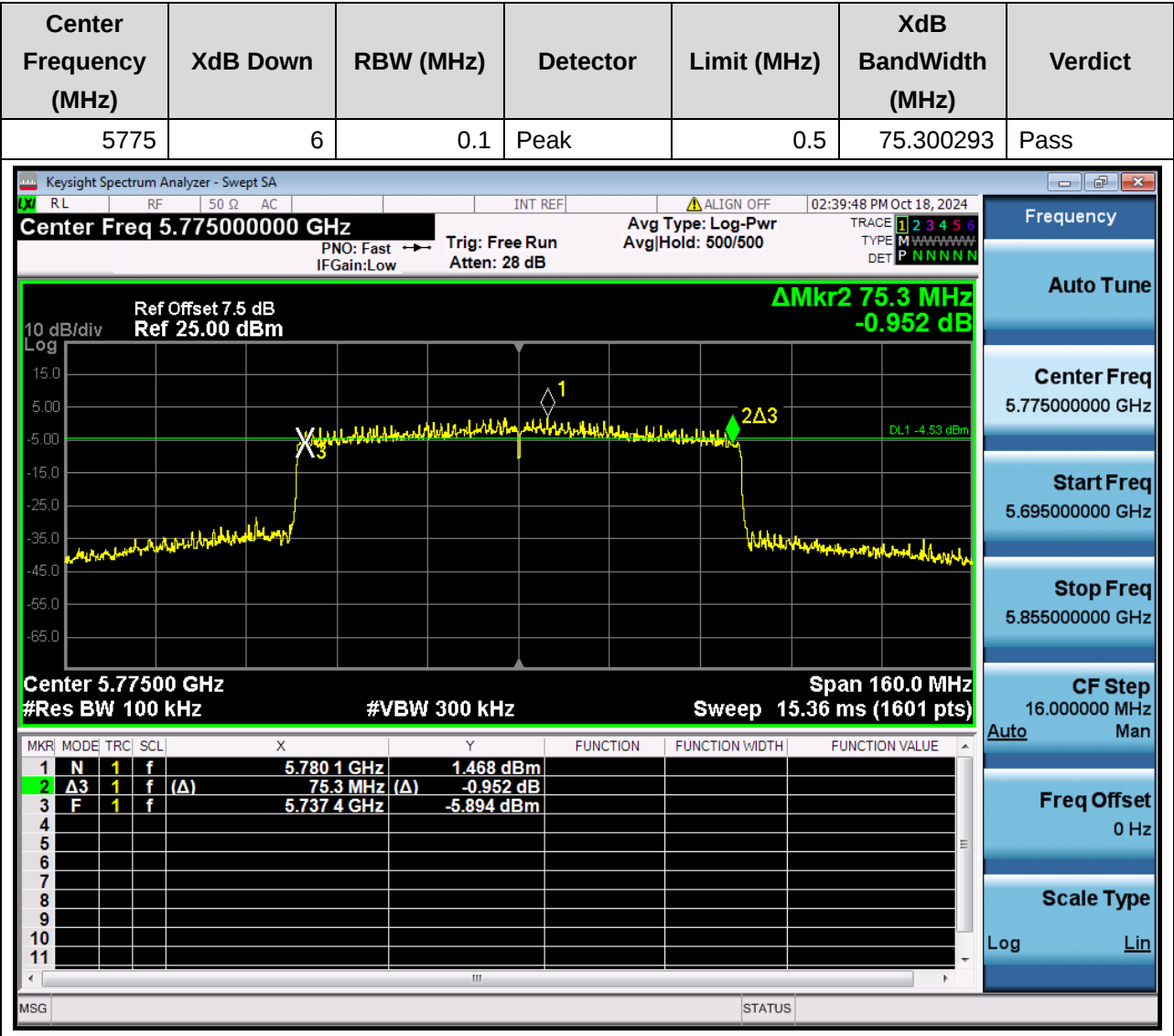
19.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5795	6	0.1	Peak	0.5	35.600098	Pass



20. 802.11ax_80M_Band4_M

20.1 A.2.1-6dB BandWidth(NTNV)



Aux. Antenna:

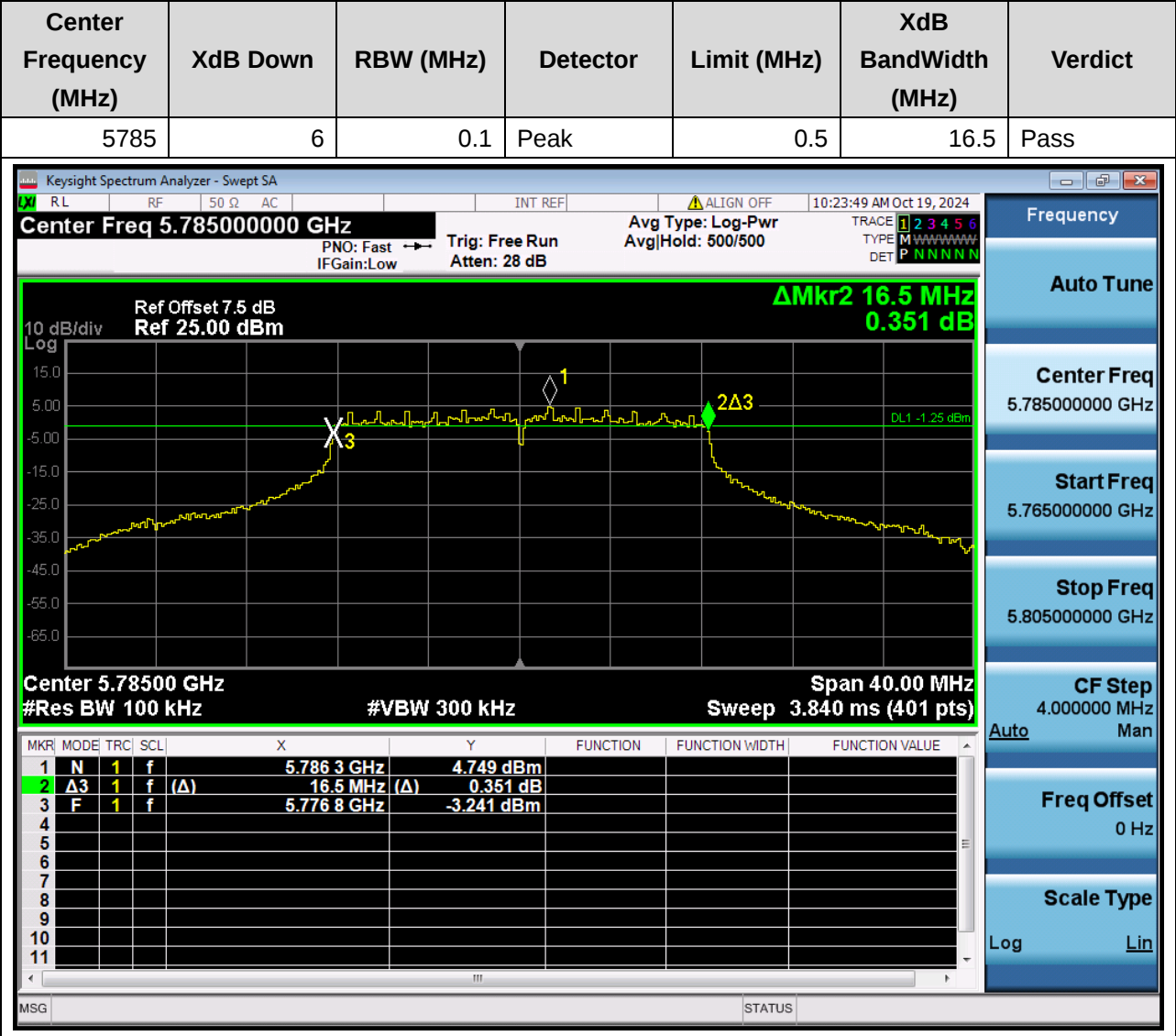
1. 802.11a_20M_Band4_L

1.1 A.2.1-6dB BandWidth(NTNV)



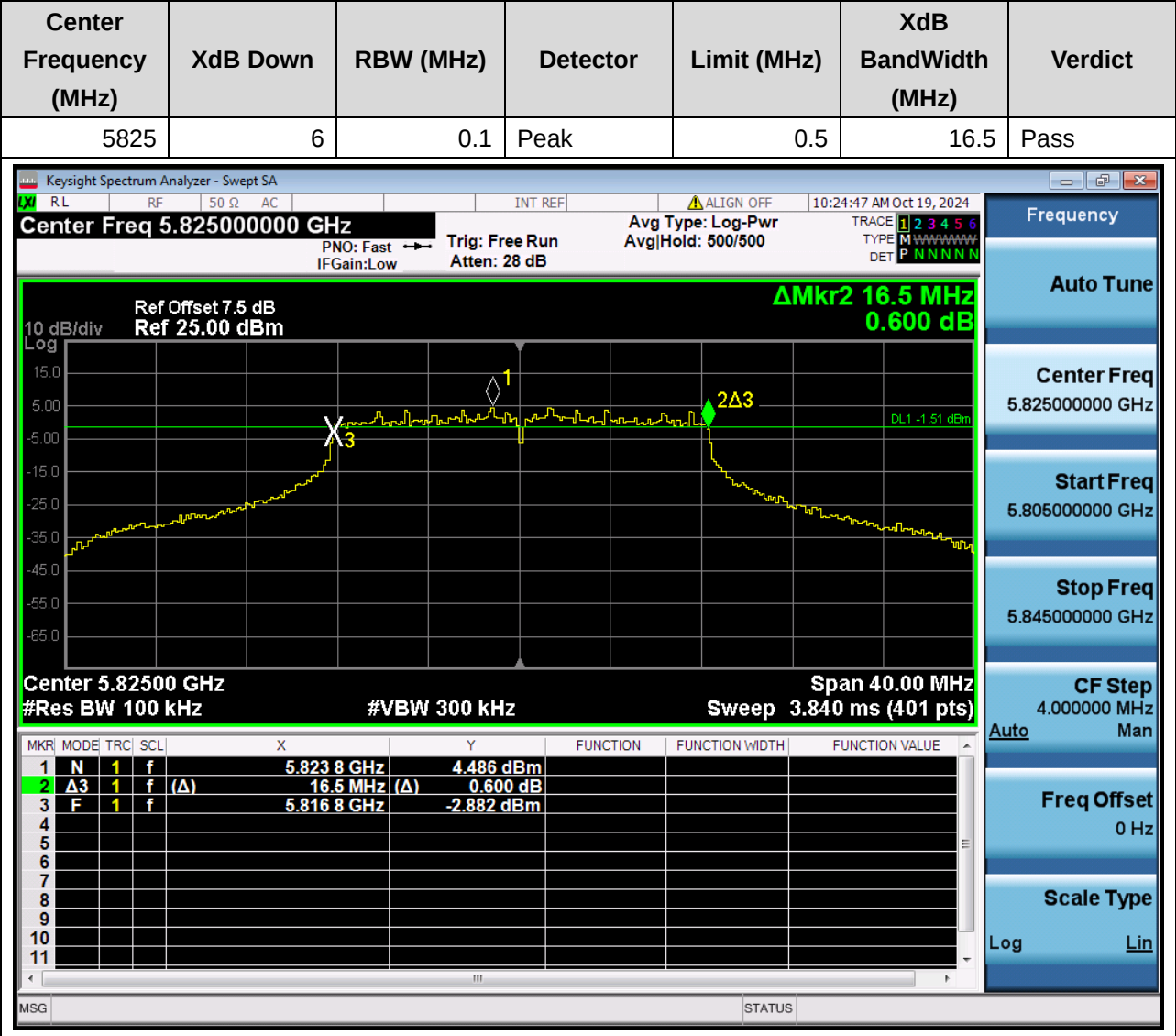
2. 802.11a_20M_Band4_M

2.1 A.2.1-6dB BandWidth(NTNV)



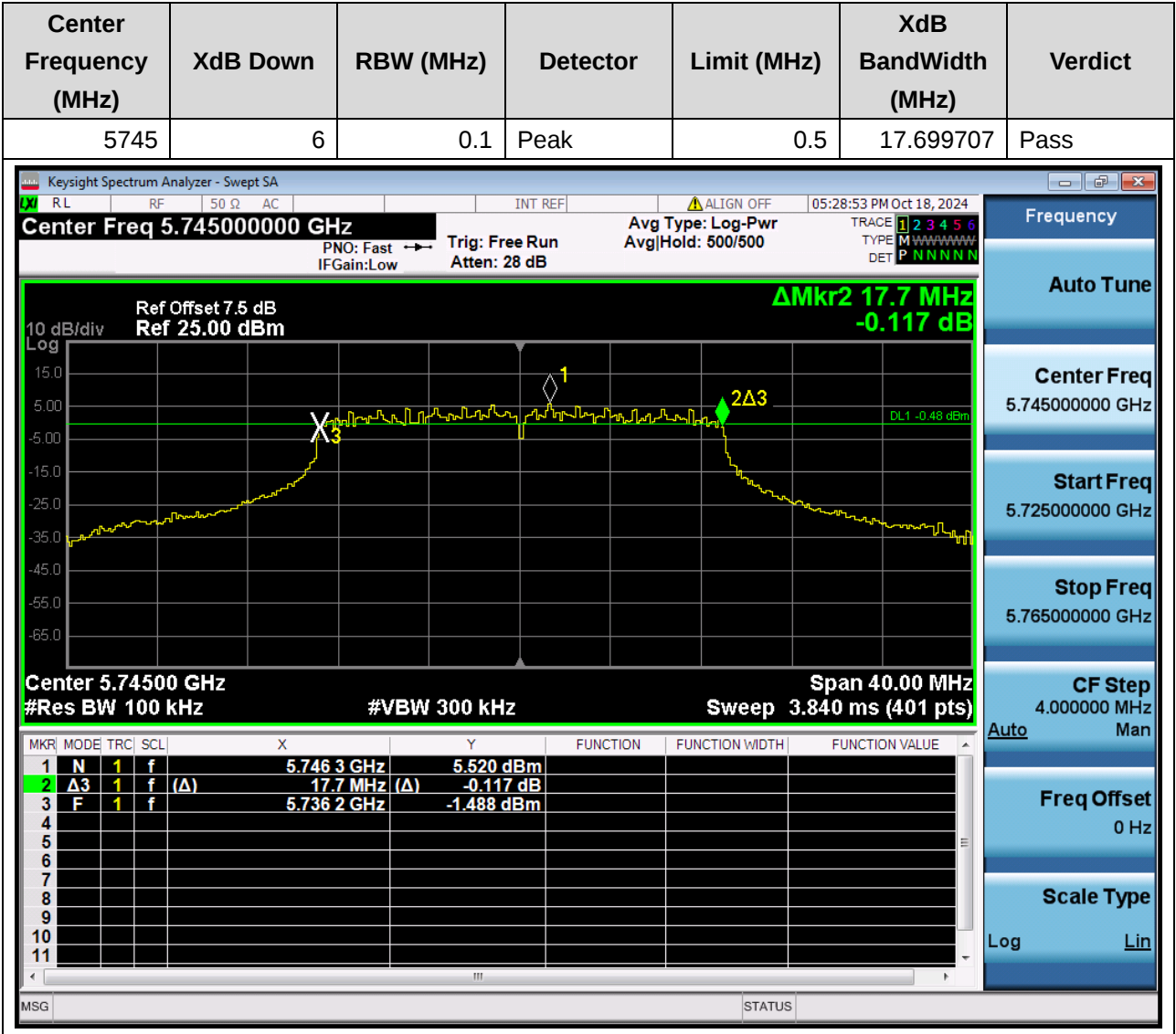
3. 802.11a_20M_Band4_H

3.1 A.2.1-6dB BandWidth(NTNV)



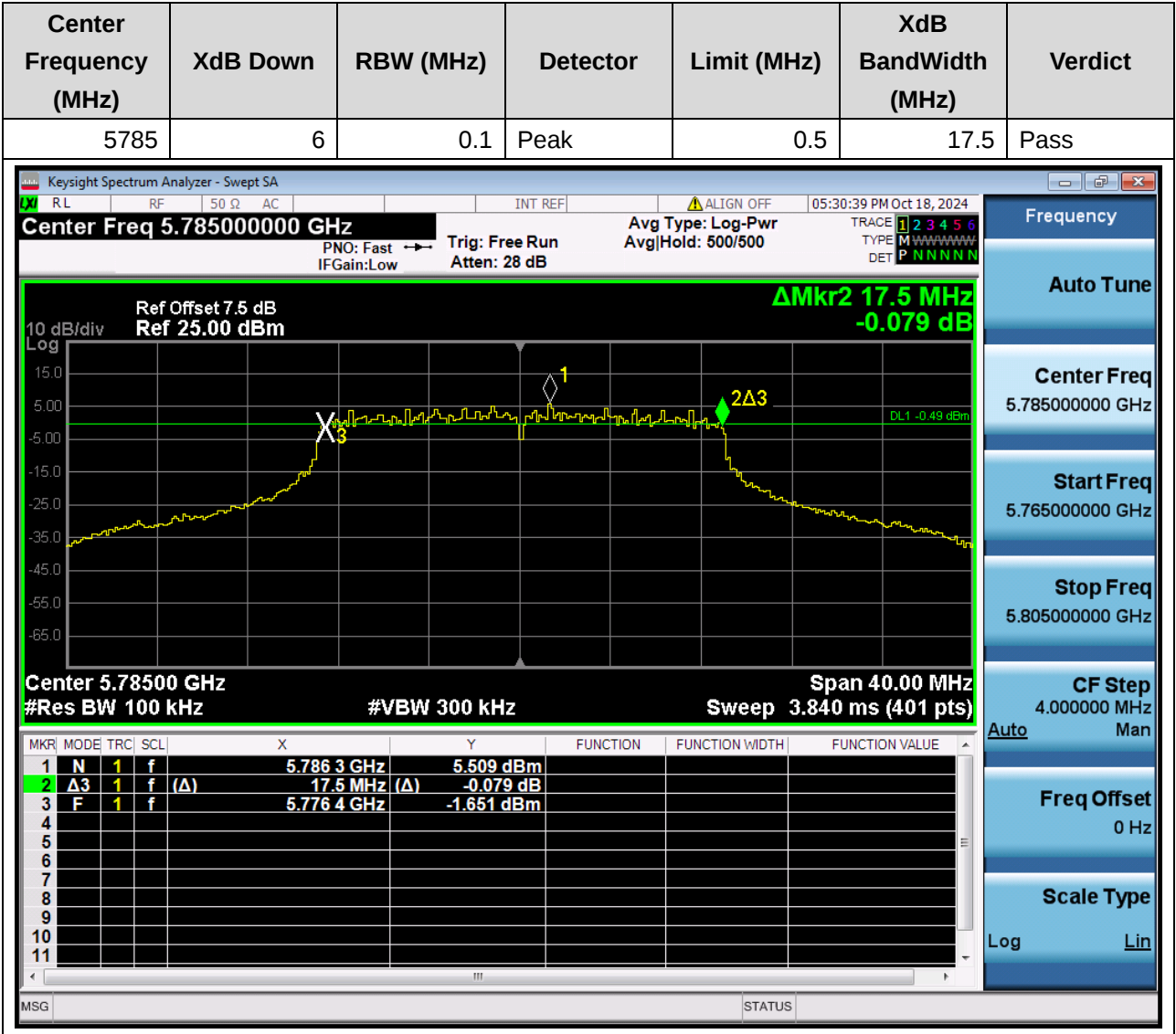
4. 802.11n_20M_Band4_L

4.1 A.2.1-6dB BandWidth(NTNV)



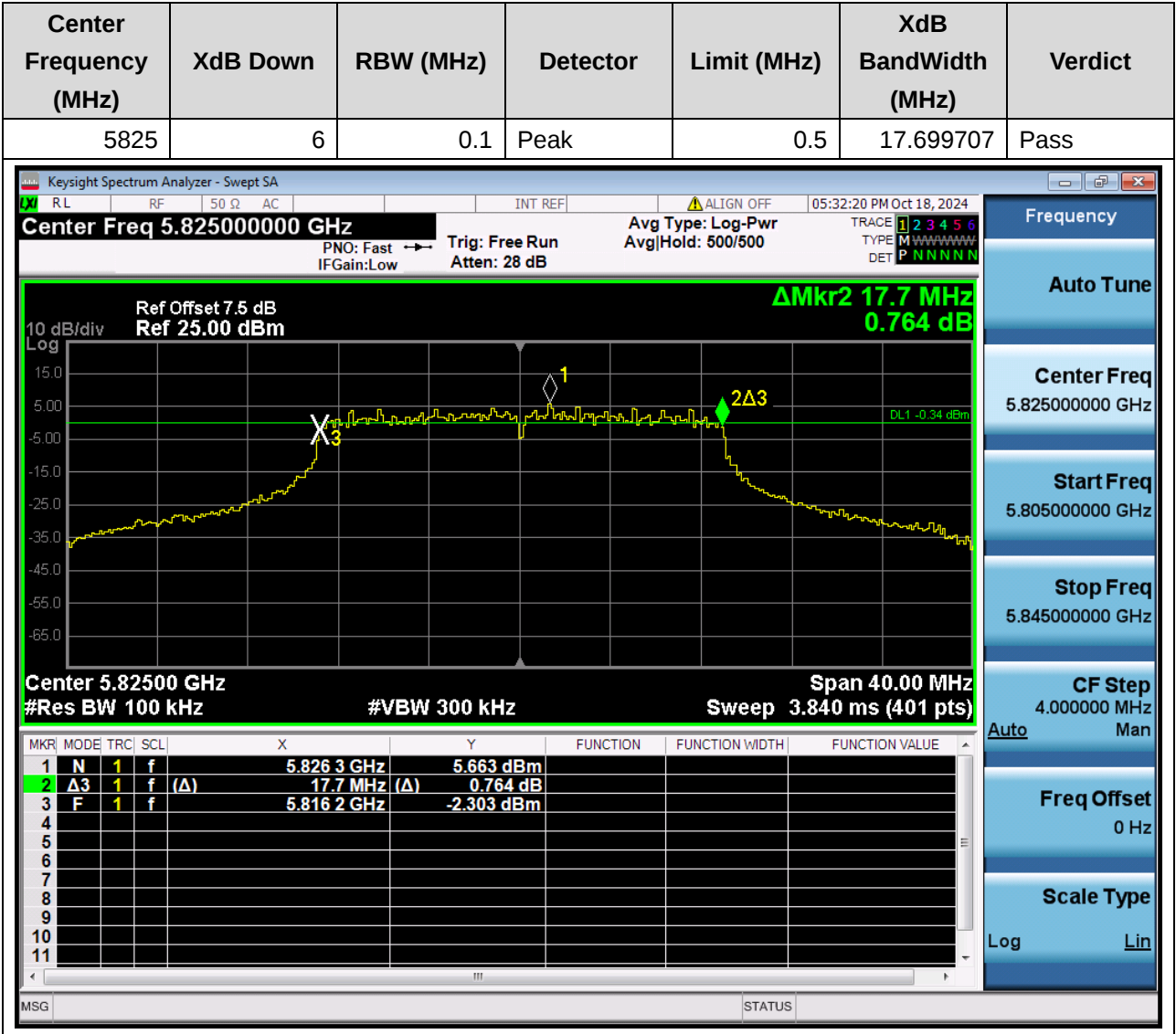
5. 802.11n_20M_Band4_M

5.1 A.2.1-6dB BandWidth(NTNV)



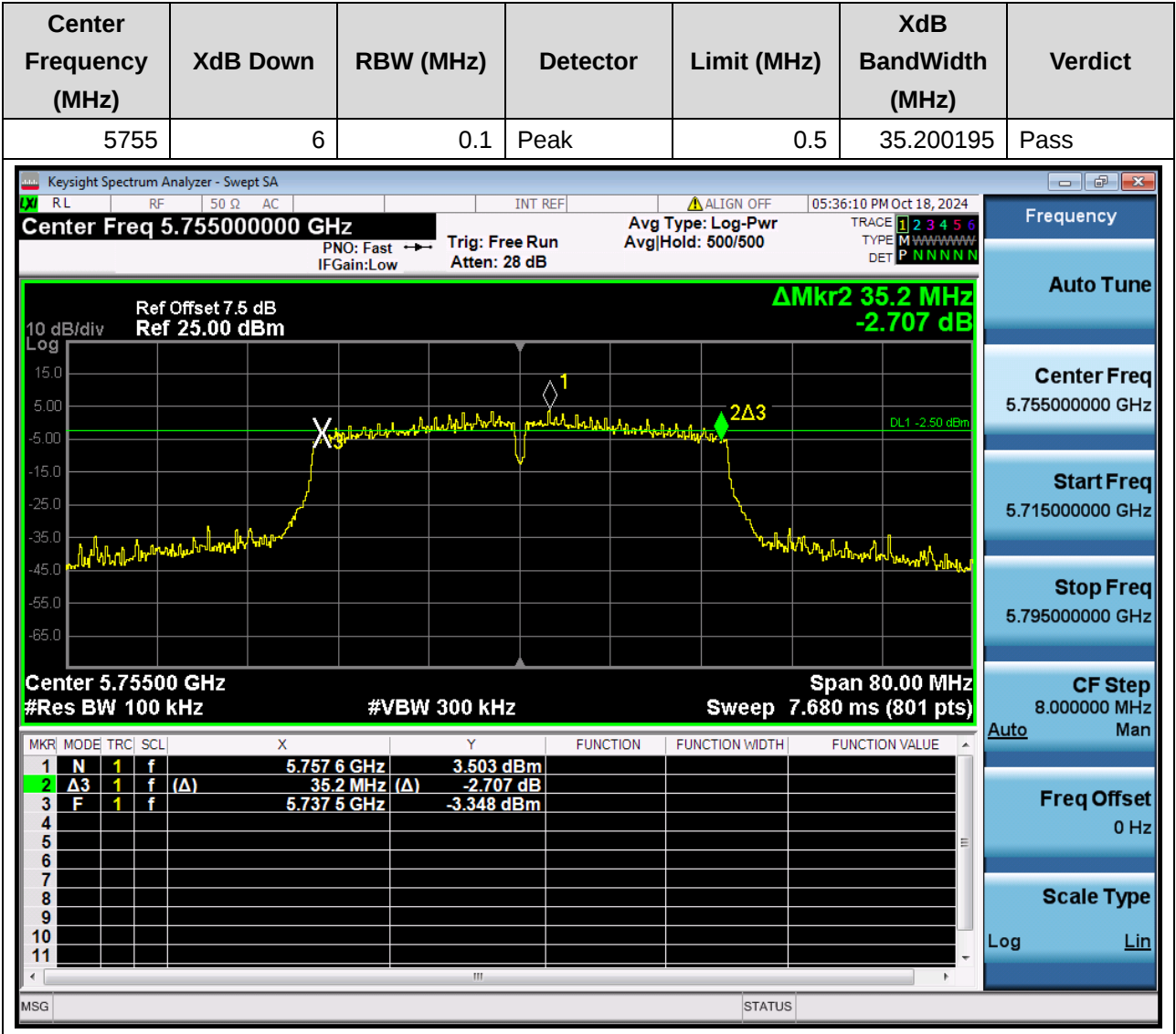
6. 802.11n_20M_Band4_H

6.1 A.2.1-6dB BandWidth(NTNV)



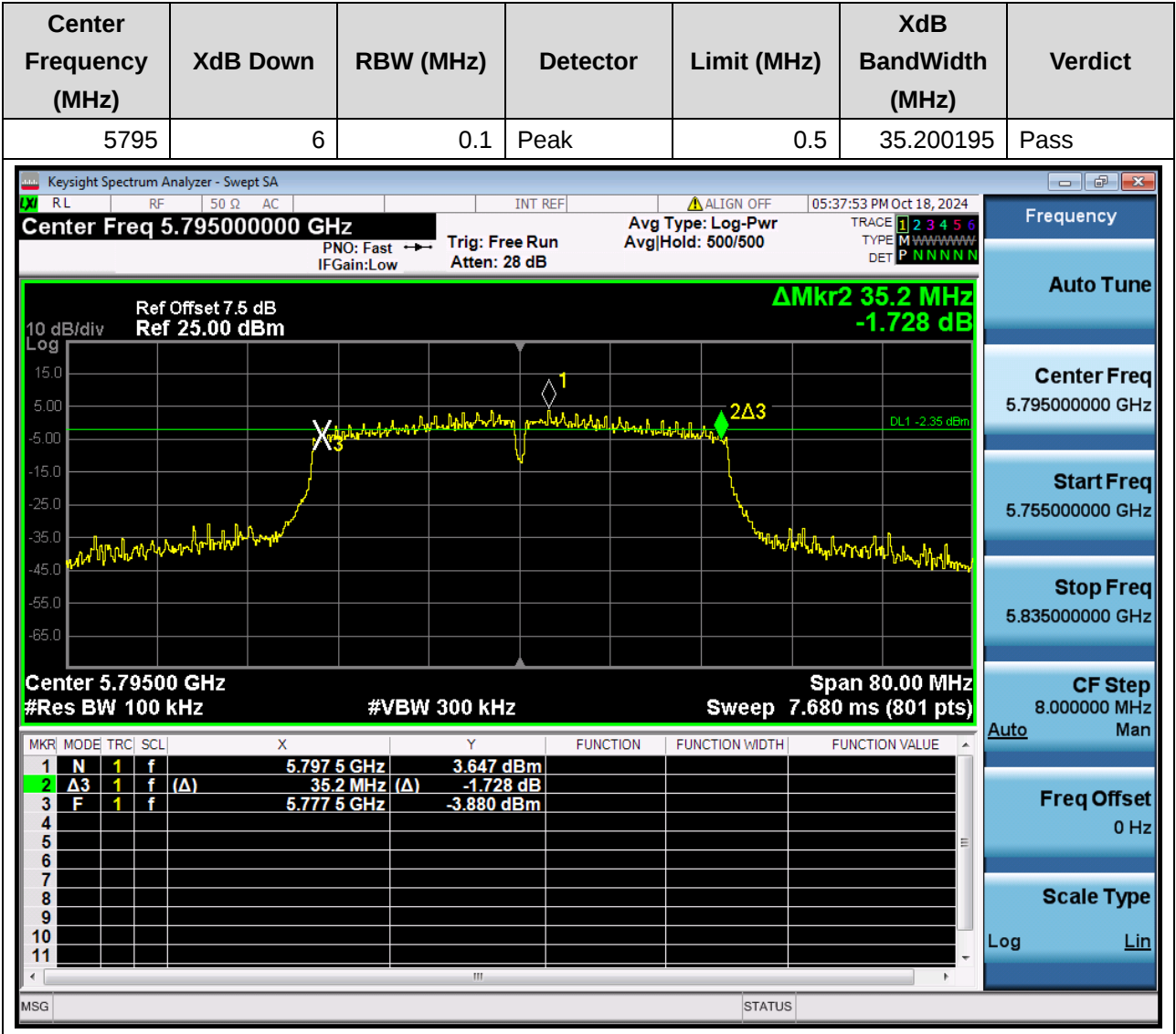
7. 802.11n_40M_Band4_L

7.1 A.2.1-6dB BandWidth(NTNV)



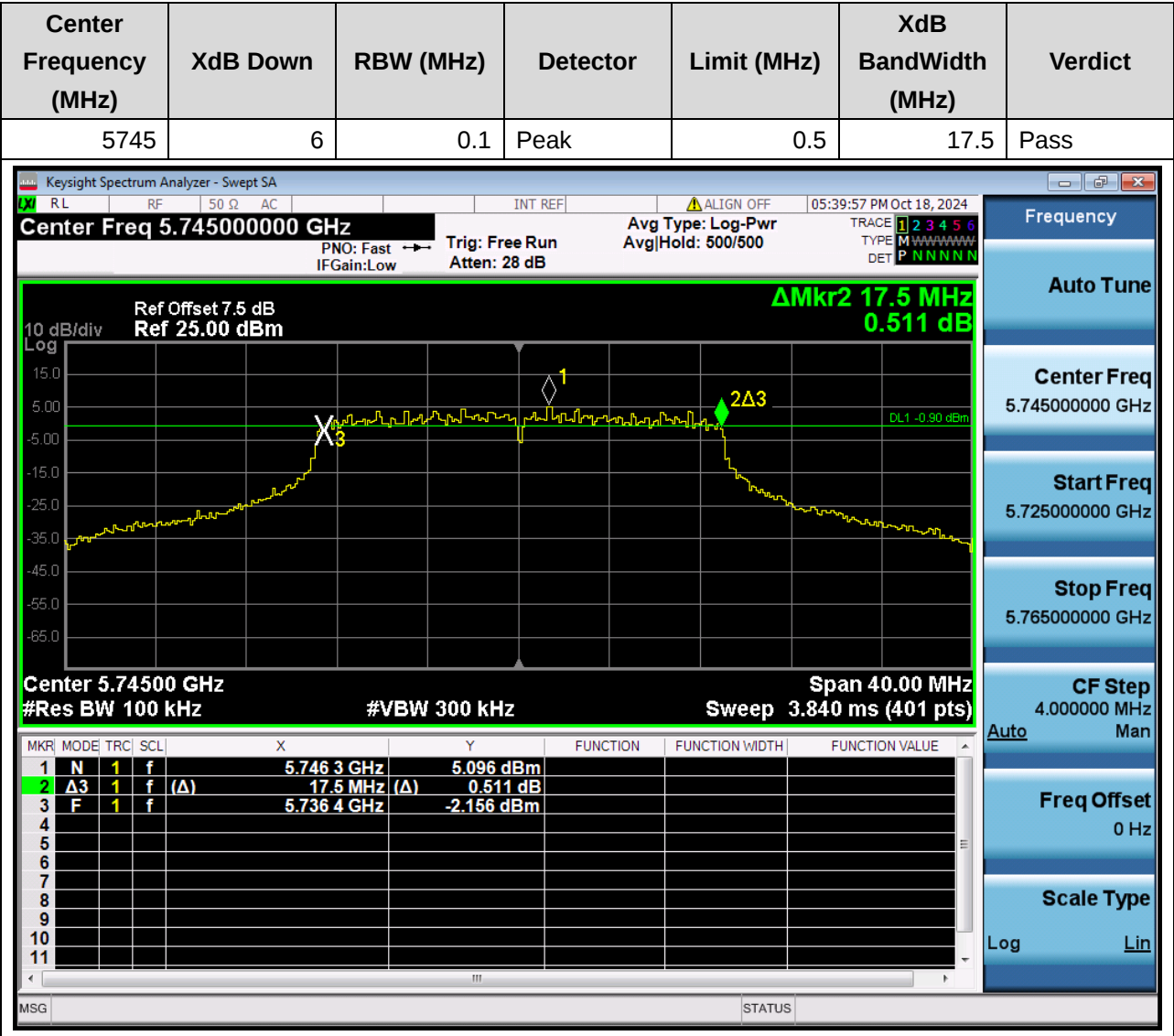
8. 802.11n_40M_Band4_H

8.1 A.2.1-6dB BandWidth(NTNV)



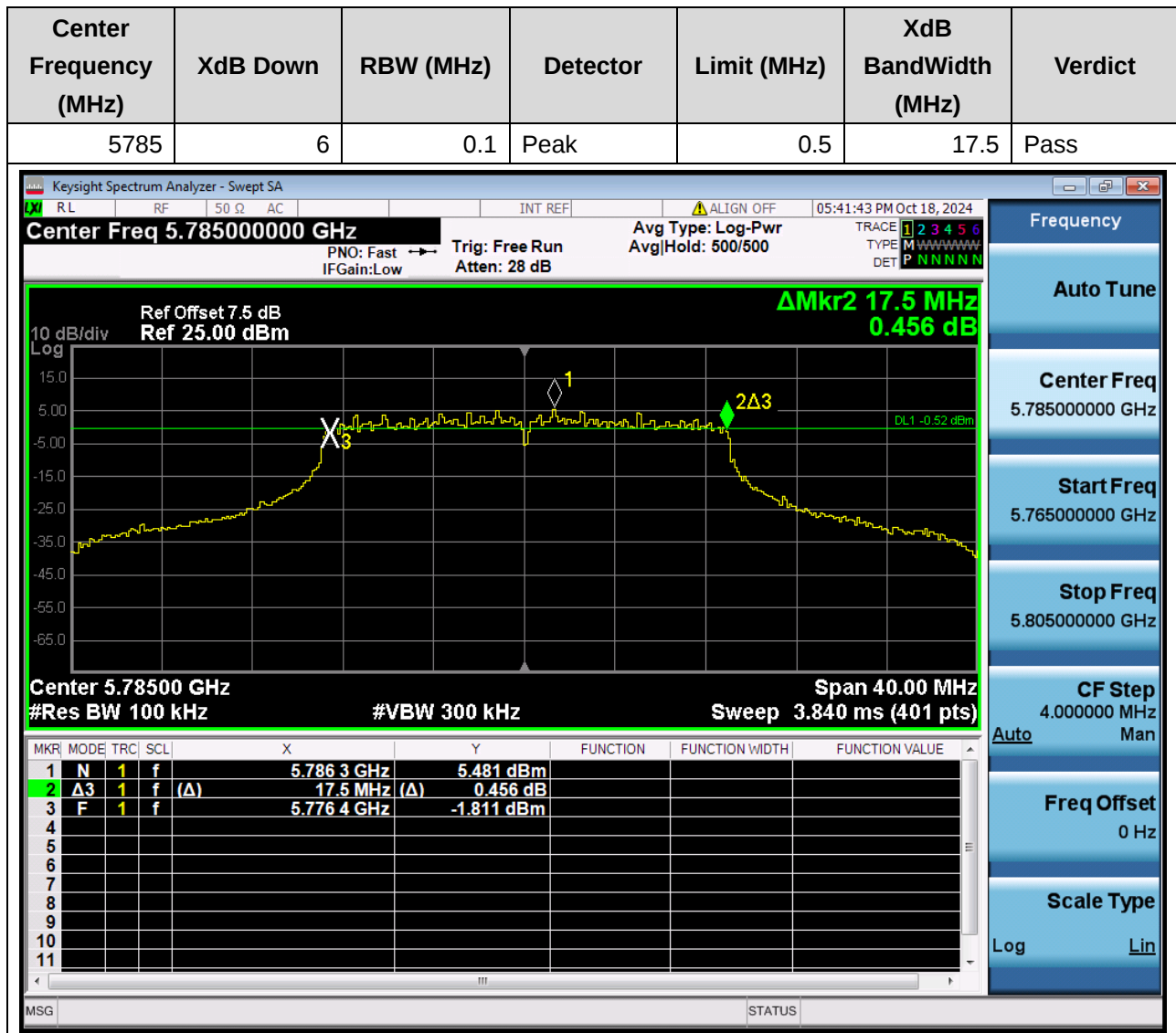
9. 802.11ac_20M_Band4_L

9.1 A.2.1-6dB BandWidth(NTNV)



10. 802.11ac_20M_Band4_M

10.1 A.2.1-6dB BandWidth(NTNV)



11.1 A.2.1-6dB BandWidth(NTNV)

Keysight Spectrum Analyzer - Swept SA

Center Freq 5.82500000 GHz

Avg Type: Log-Pwr
Avg/Hold: 500/500

Trig: Free Run
Atten: 28 dB

Ref Offset 7.5 dB
Ref 25.00 dBm

ΔMkr2 17.7 MHz
1.557 dB

10 dB/div
Log

Center 5.82500 GHz
#Res BW 100 kHz

Span 40.00 MHz
Sweep 3.840 ms (401 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.826 4 GHz	4.672 dBm			
2	Δ3	1	f (Δ)	17.7 MHz (Δ)	1.557 dB			
3	F	1	f	5.816 2 GHz	-3.102 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
5.82500000 GHz

Start Freq
5.805000000 GHz

Stop Freq
5.845000000 GHz

CF Step
4.000000 MHz
Man

Auto

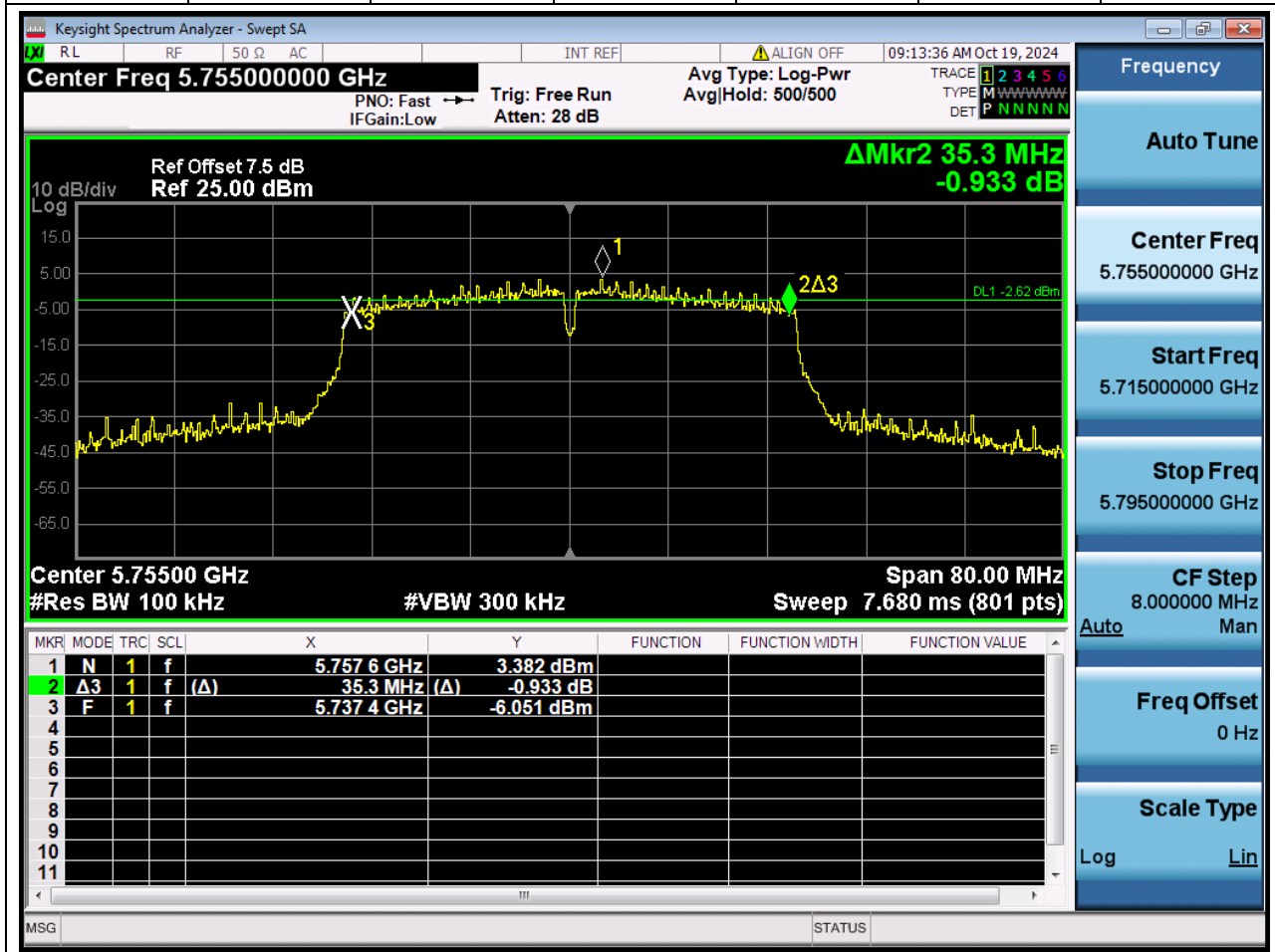
Freq Offset
0 Hz

Scale Type
Log Lin

12. 802.11ac_40M_Band4_L

12.1 A.2.1-6dB BandWidth(NTNV)

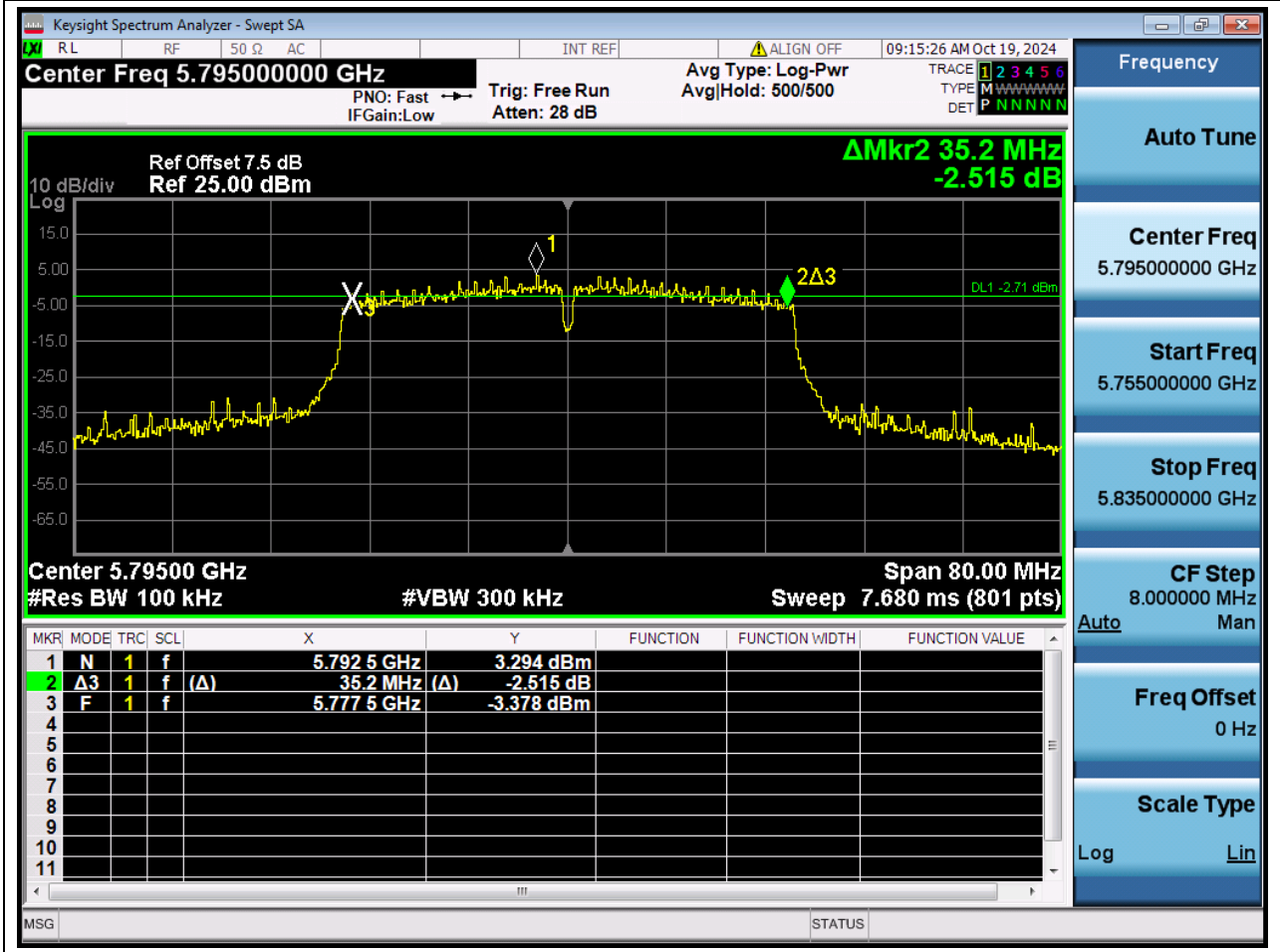
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.300293	Pass



13. 802.11ac_40M_Band4_H

13.1 A.2.1-6dB BandWidth(NTNV)

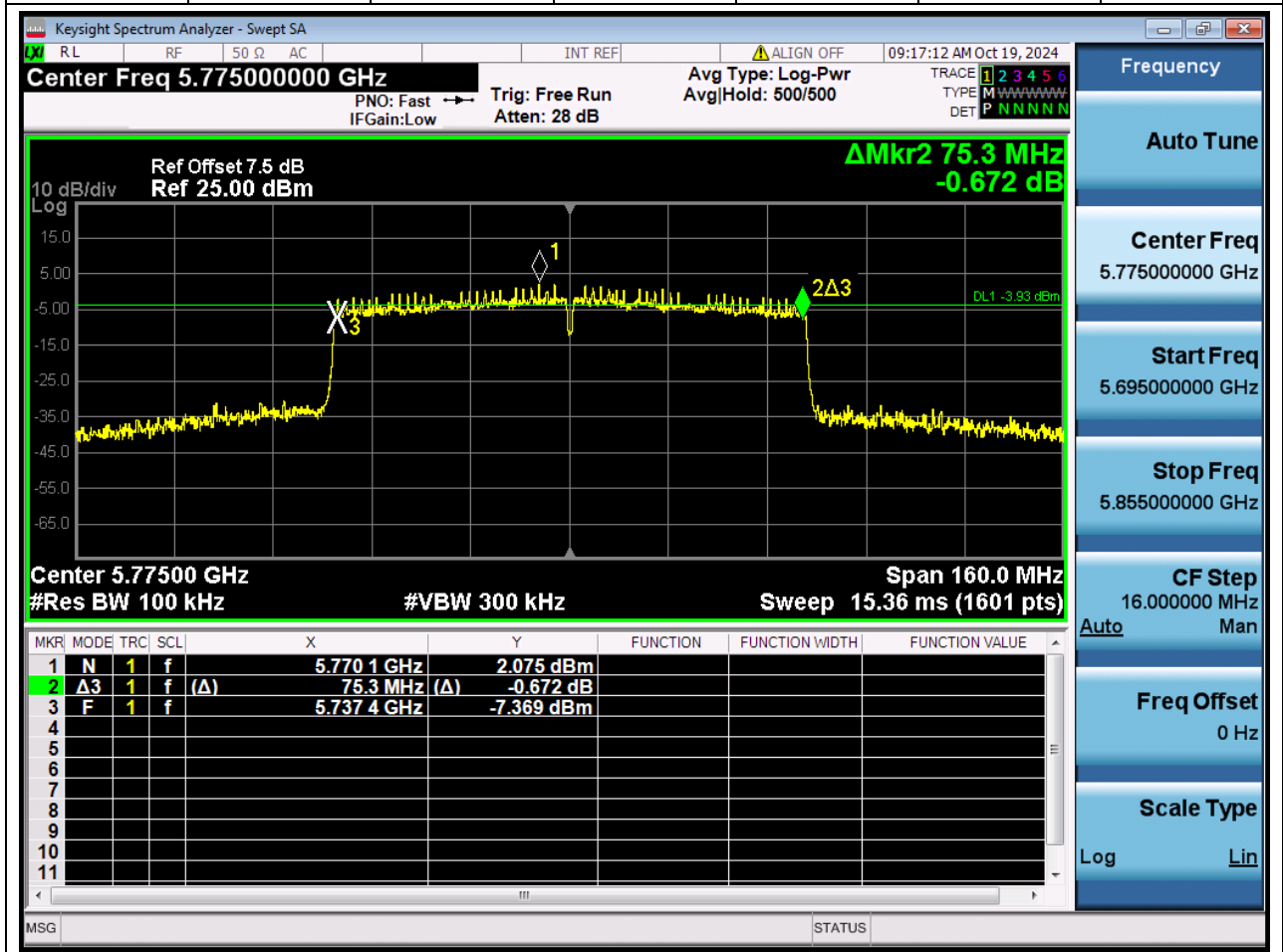
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5795	6	0.1	Peak	0.5	35.200195	Pass



14. 802.11ac_80M_Band4_M

14.1 A.2.1-6dB BandWidth(NTNV)

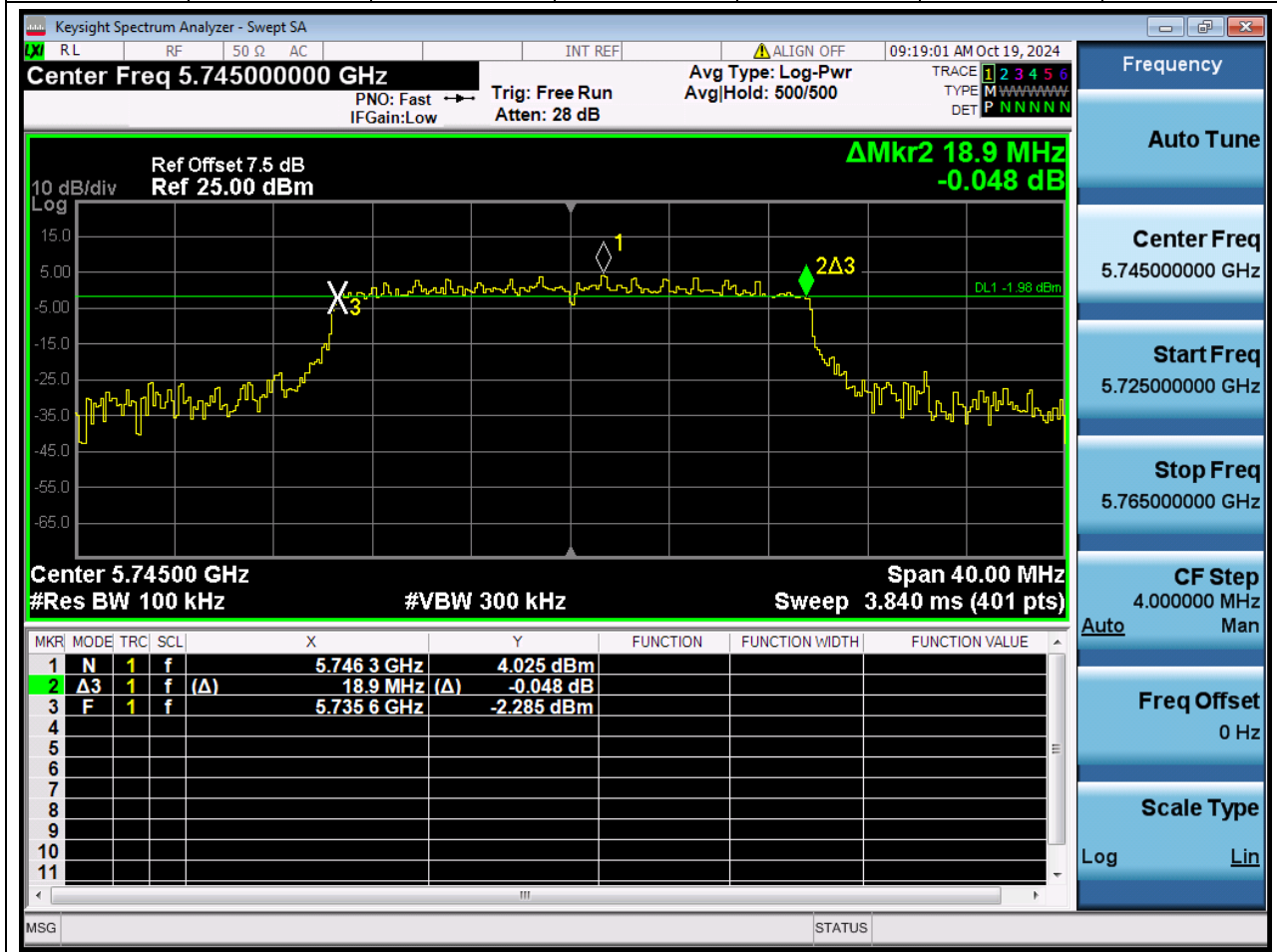
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5775	6	0.1	Peak	0.5	75.300293	Pass



15. 802.11ax_20M_Band4_L

15.1 A.2.1-6dB BandWidth(NTNV)

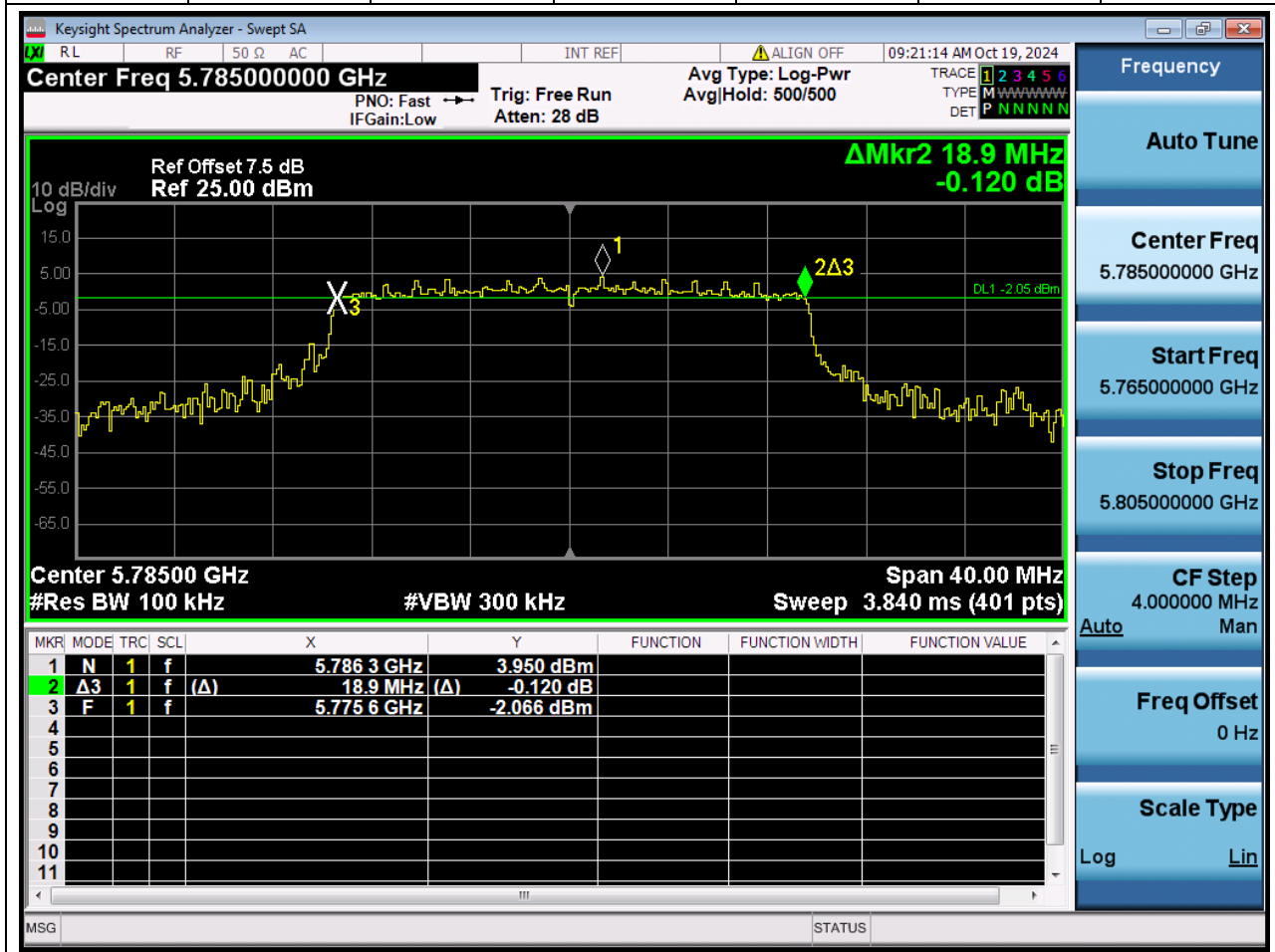
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	6	0.1	Peak	0.5	18.899902	Pass



16. 802.11ax_20M_Band4_M

16.1 A.2.1-6dB BandWidth(NTNV)

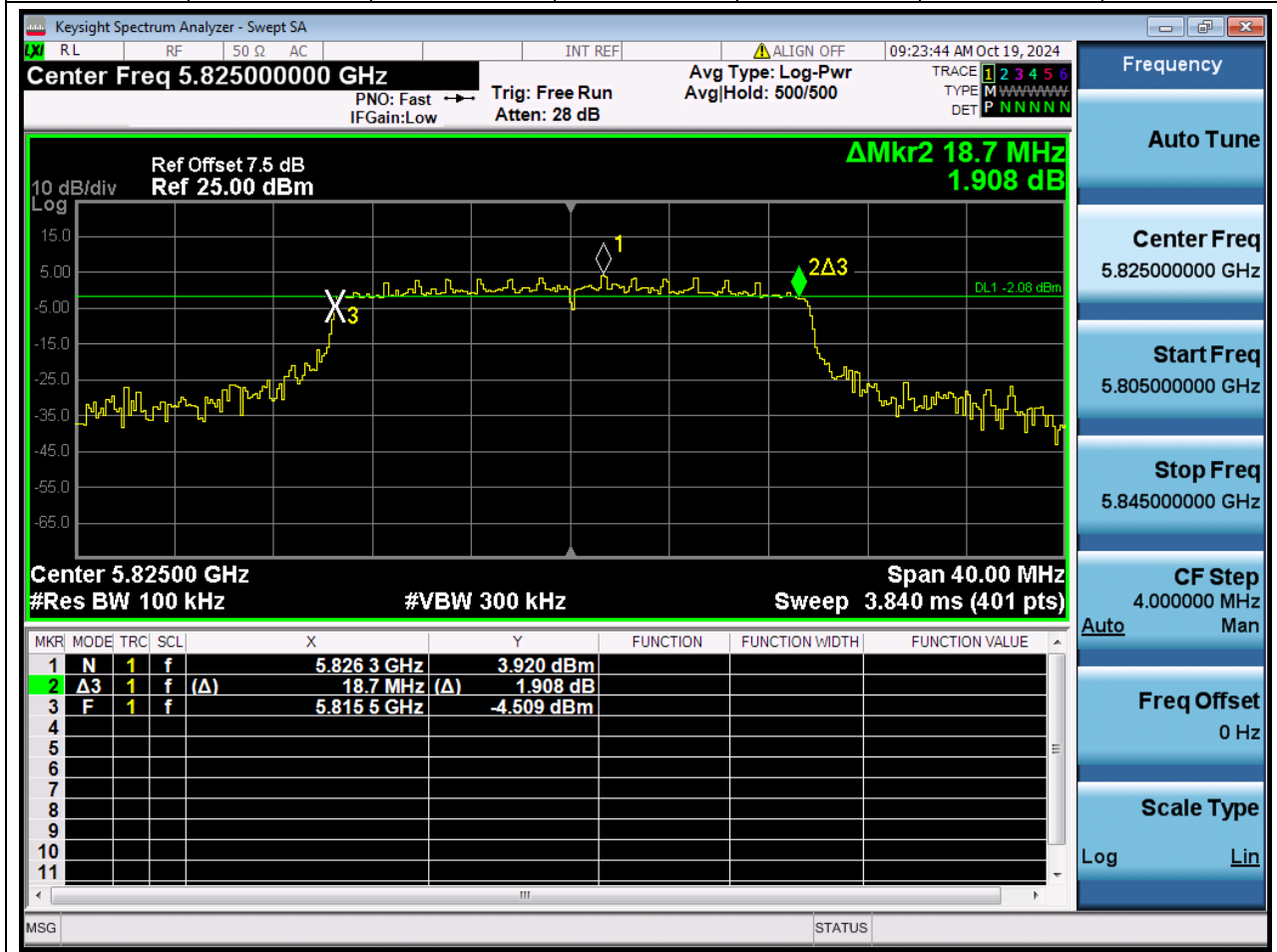
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	6	0.1	Peak	0.5	18.899902	Pass



17. 802.11ax_20M_Band4_H

17.1 A.2.1-6dB BandWidth(NTNV)

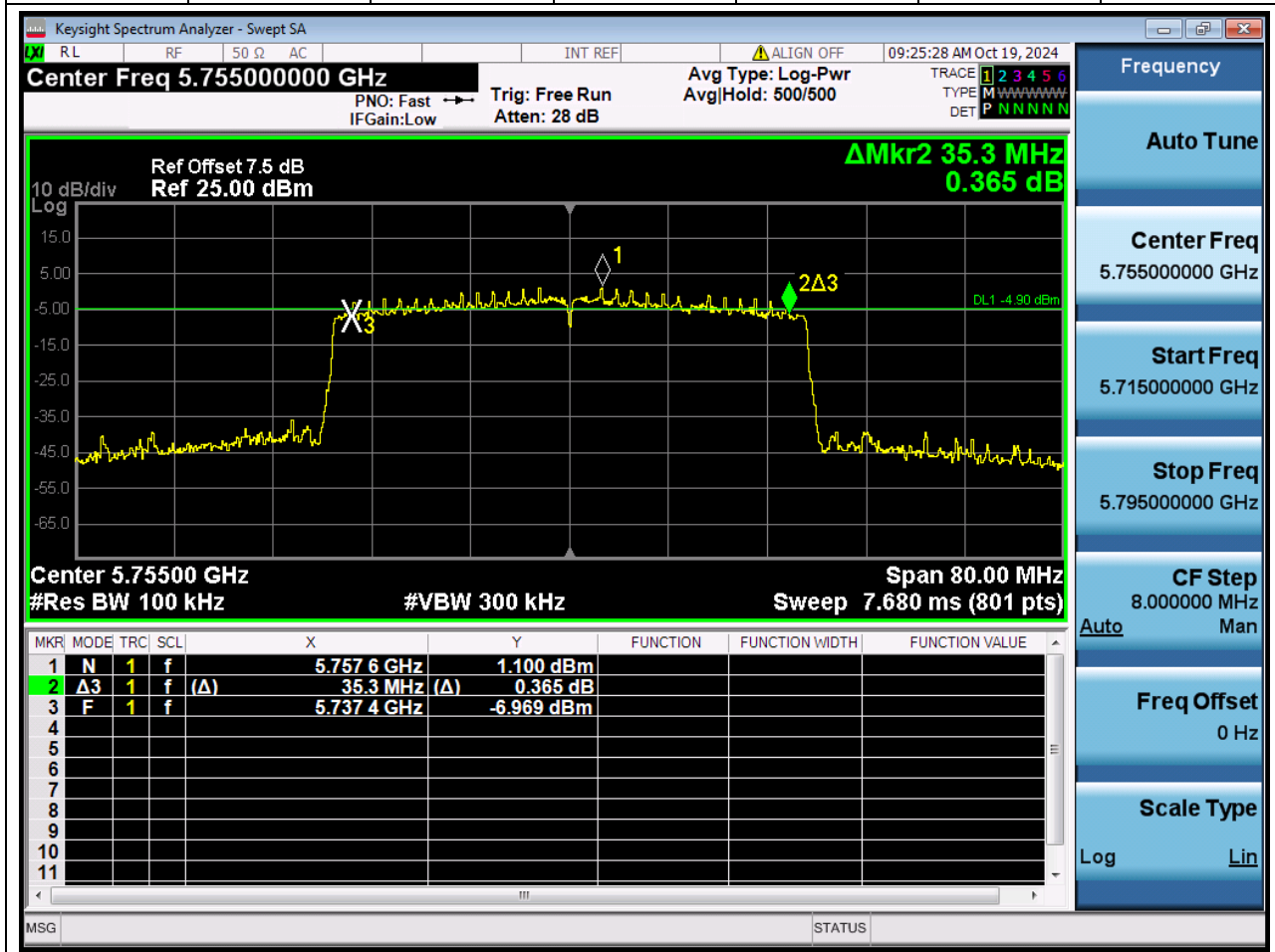
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5825	6	0.1	Peak	0.5	18.700195	Pass



18. 802.11ax_40M_Band4_L

18.1 A.2.1-6dB BandWidth(NTNV)

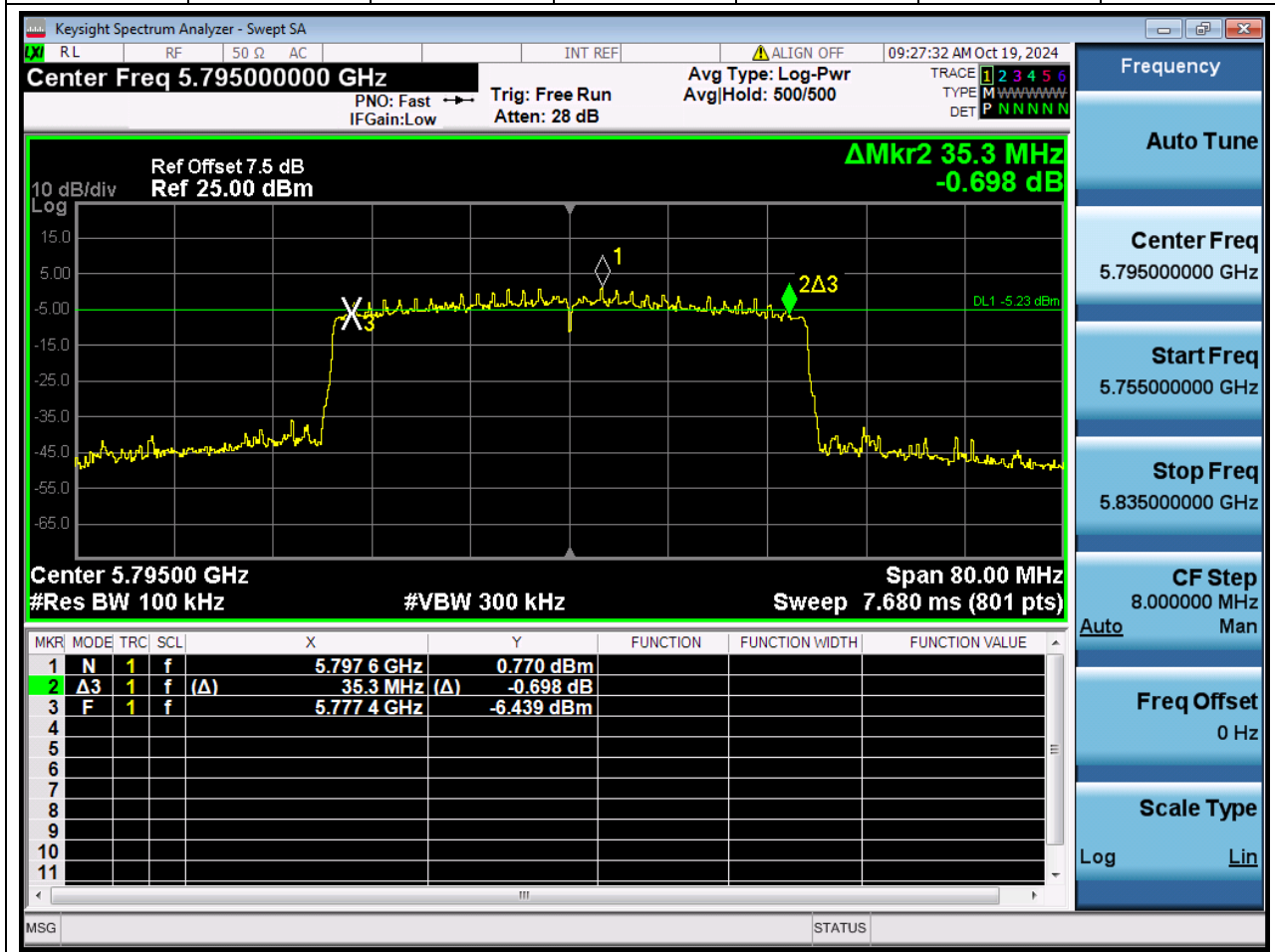
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.300293	Pass



19. 802.11ax_40M_Band4_H

19.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5795	6	0.1	Peak	0.5	35.300293	Pass



20. 802.11ax_80M_Band4_M

20.1 A.2.1-6dB BandWidth(NTNV)

