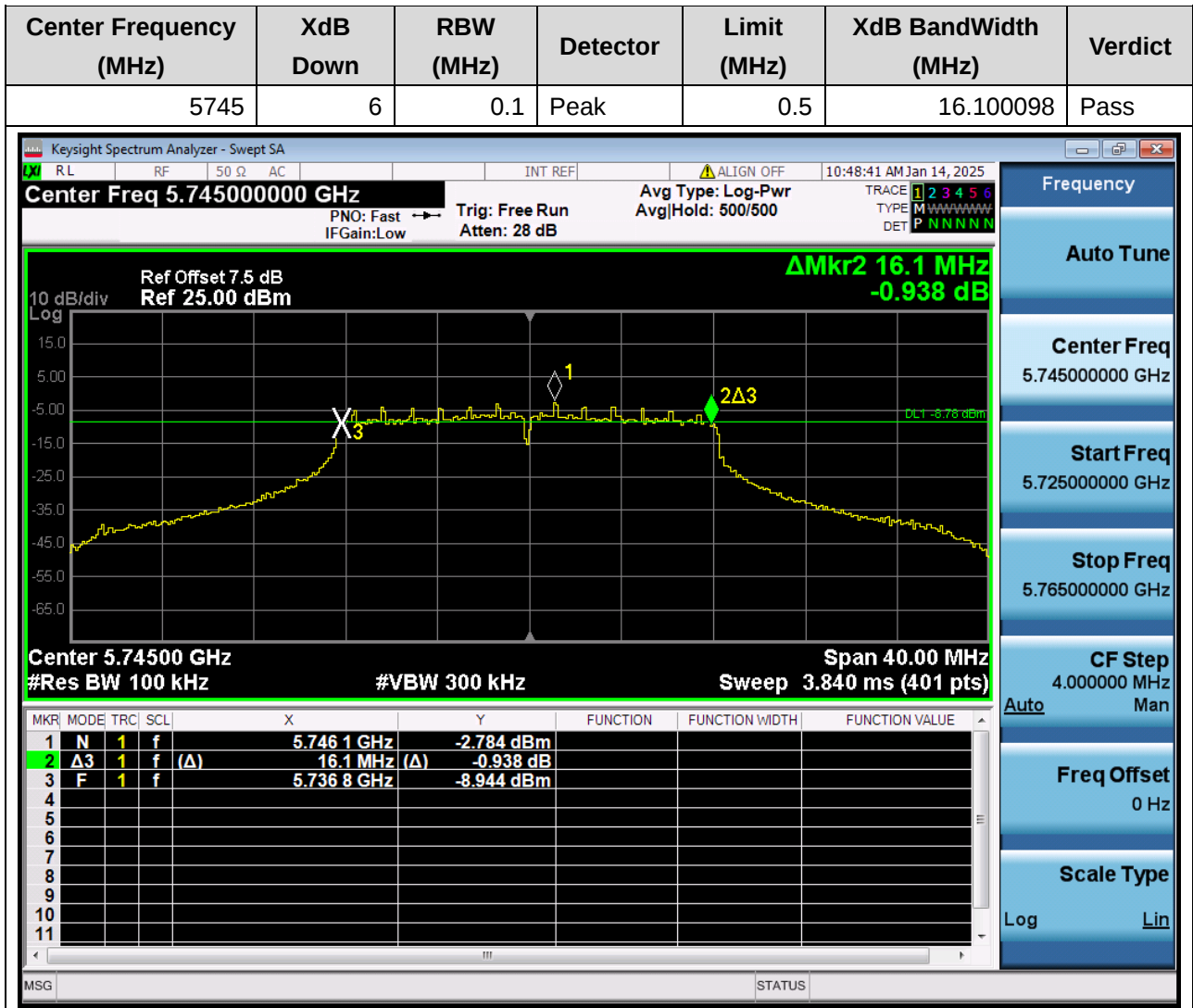


Annex A. 6dB BandWidth

Main Antenna

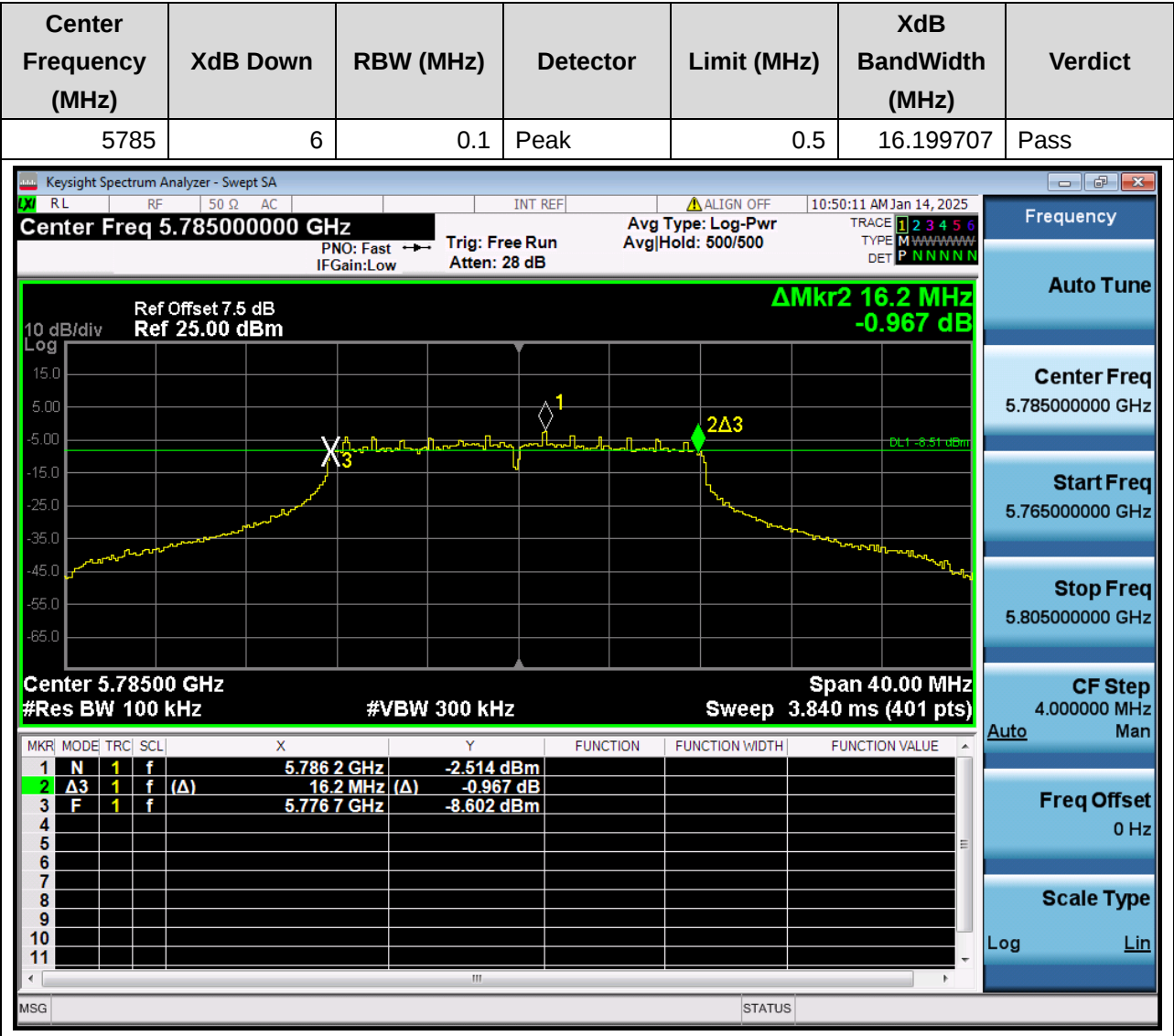
1. 802.11a_20M_Band4_L

1.1 A.2.1-6dB BandWidth(NTNV)



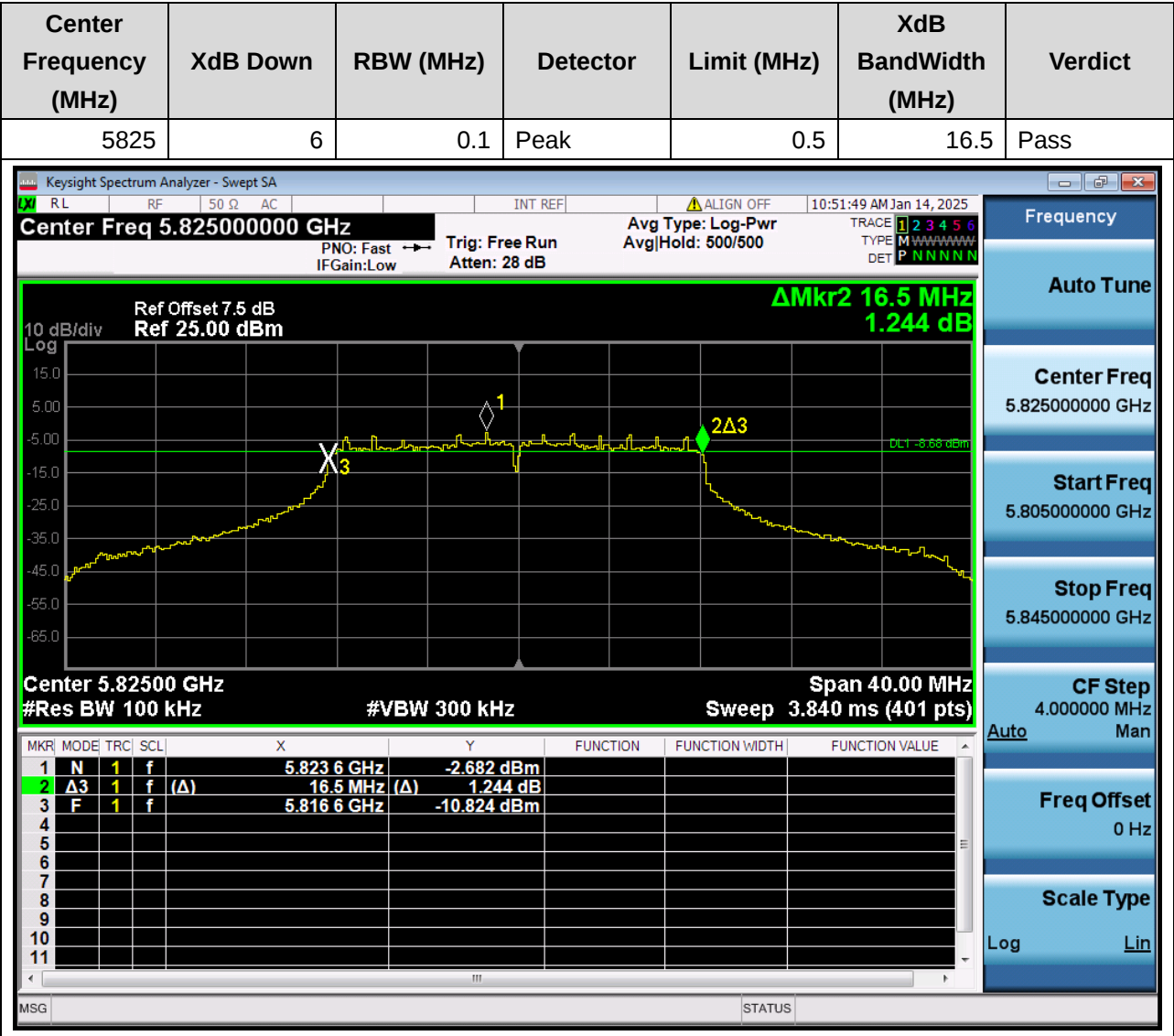
2. 802.11a_20M_Band4_M

2.1 A.2.1-6dB BandWidth(NTNV)



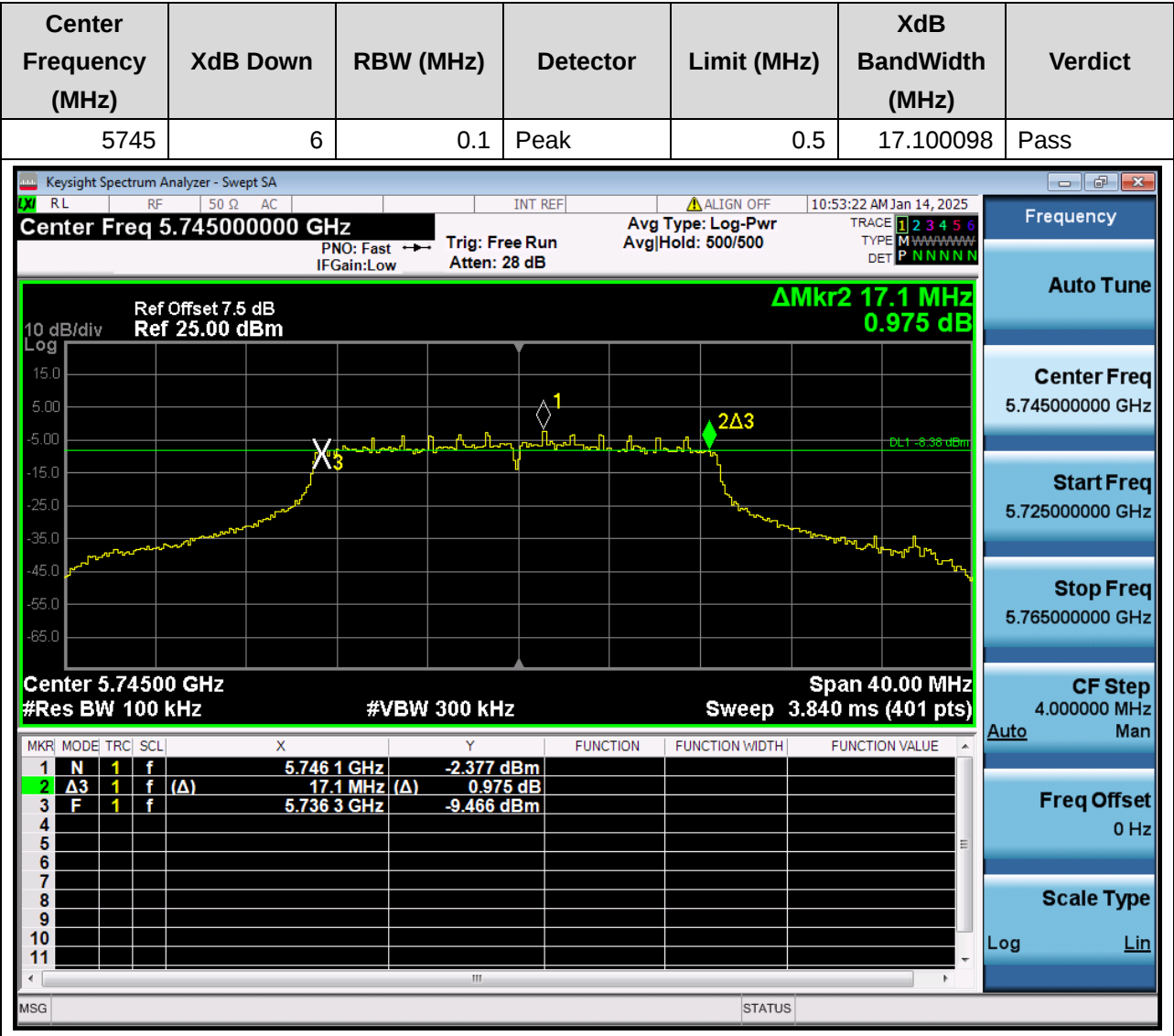
3. 802.11a_20M_Band4_H

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

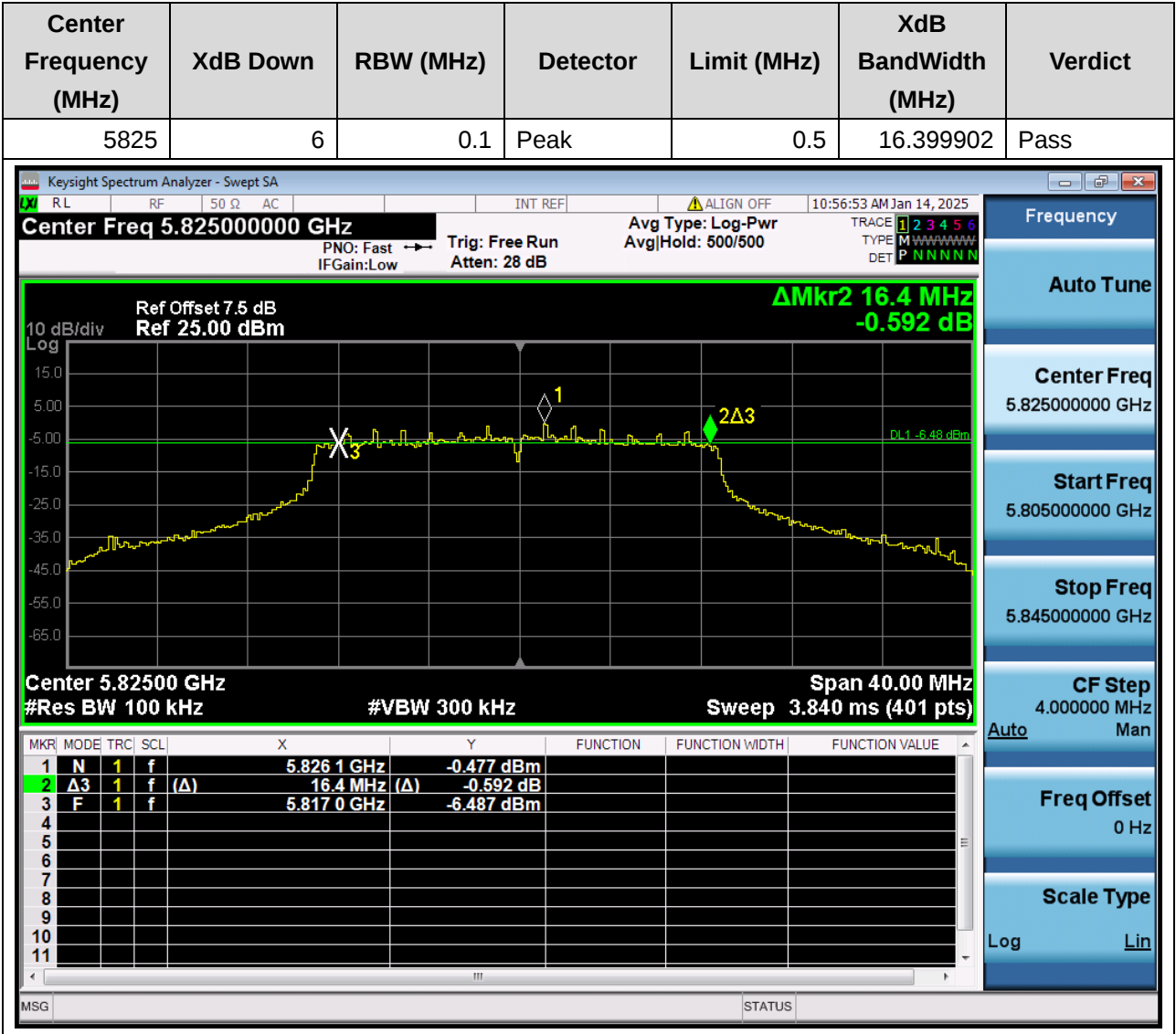
5.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	6	0.1	Peak	0.5	16.199707	Pass



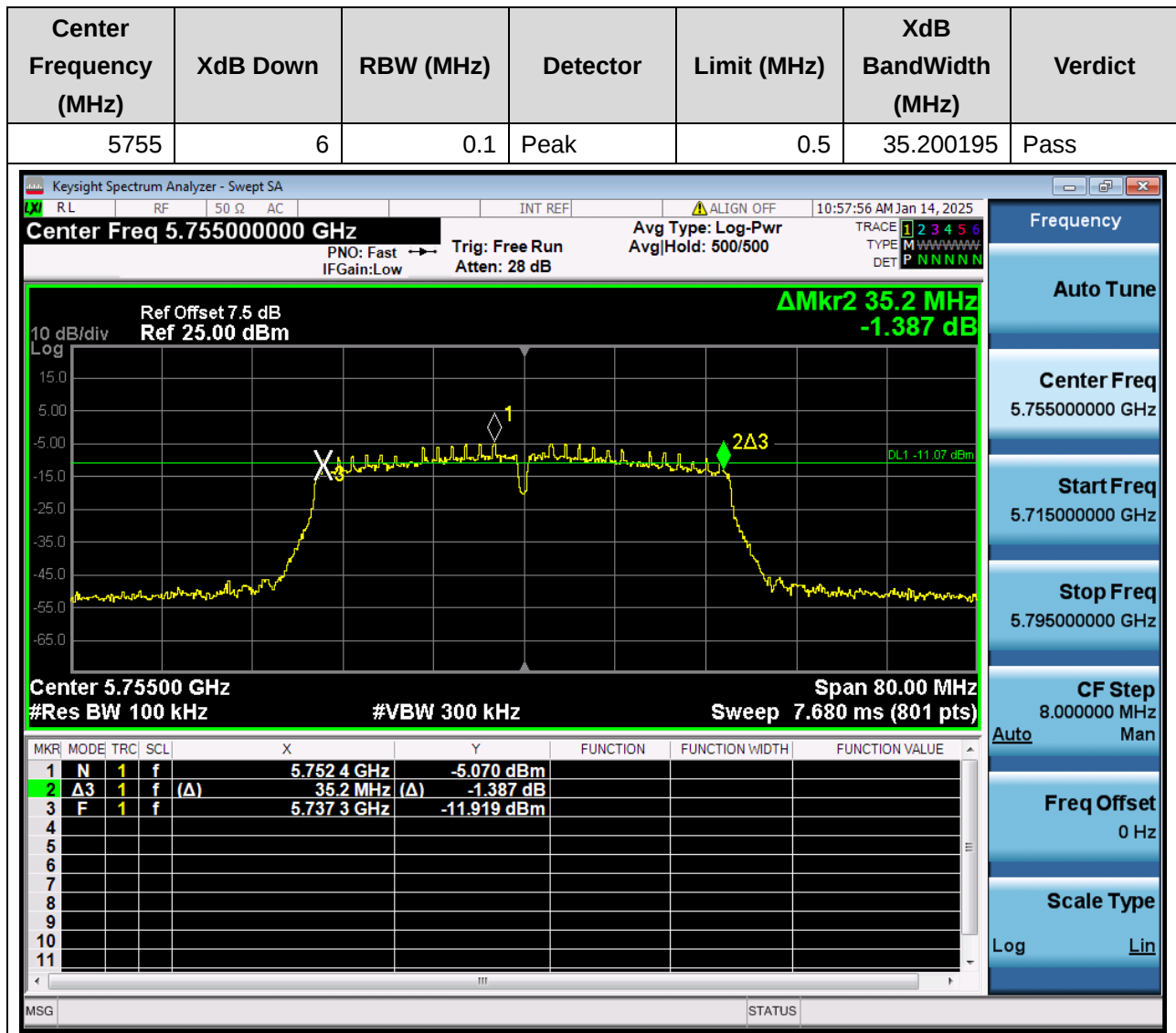
6. 802.11n_20M_Band4_H

6.1 A.2.1-6dB BandWidth(NTNV)



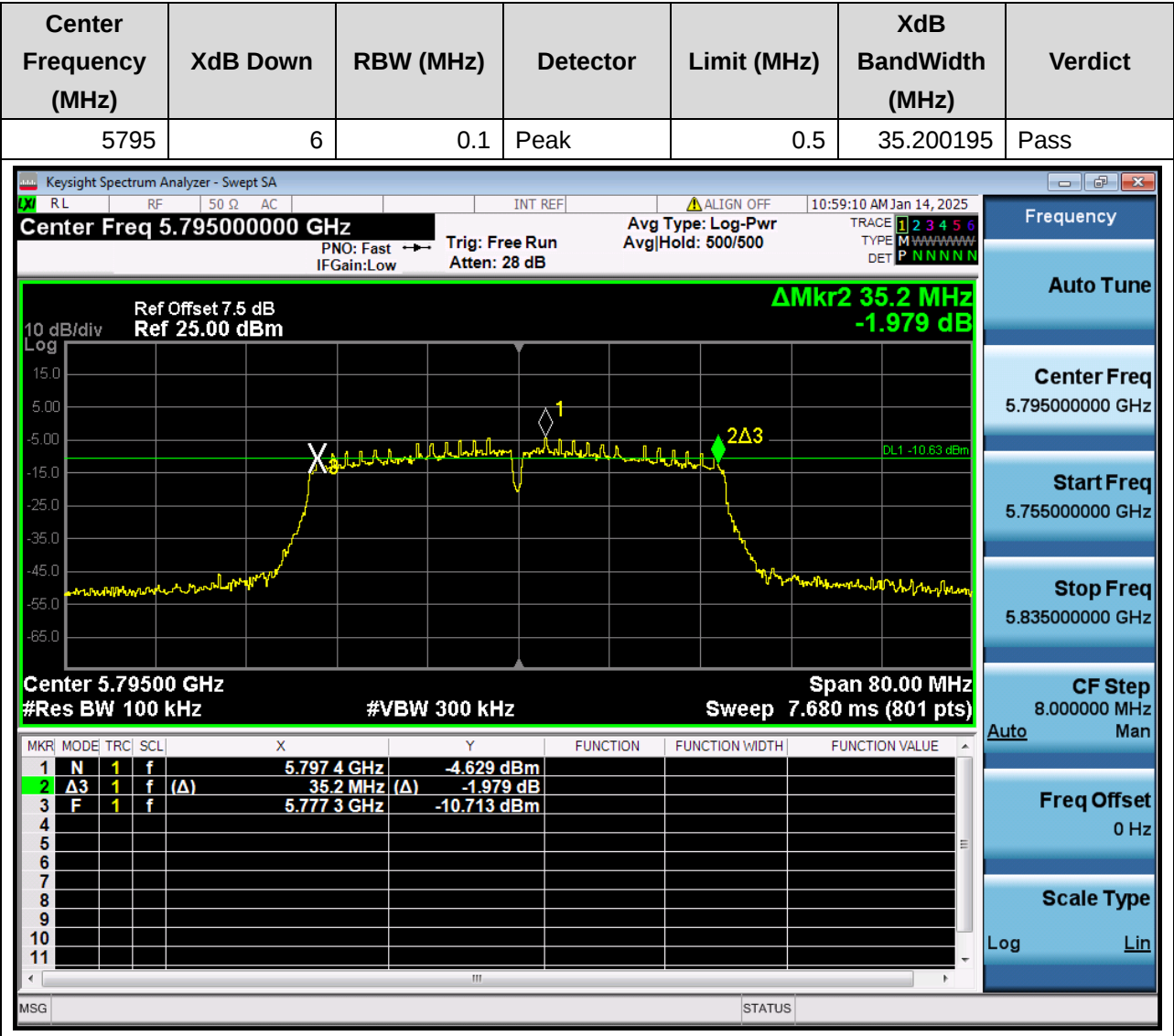
7. 802.11n_40M_Band4_L

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)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	6	0.1	Peak	0.5	17.100098	Pass



10. 802.11ac_20M_Band4_M

10.1 A.2.1-6dB BandWidth(NTNV)

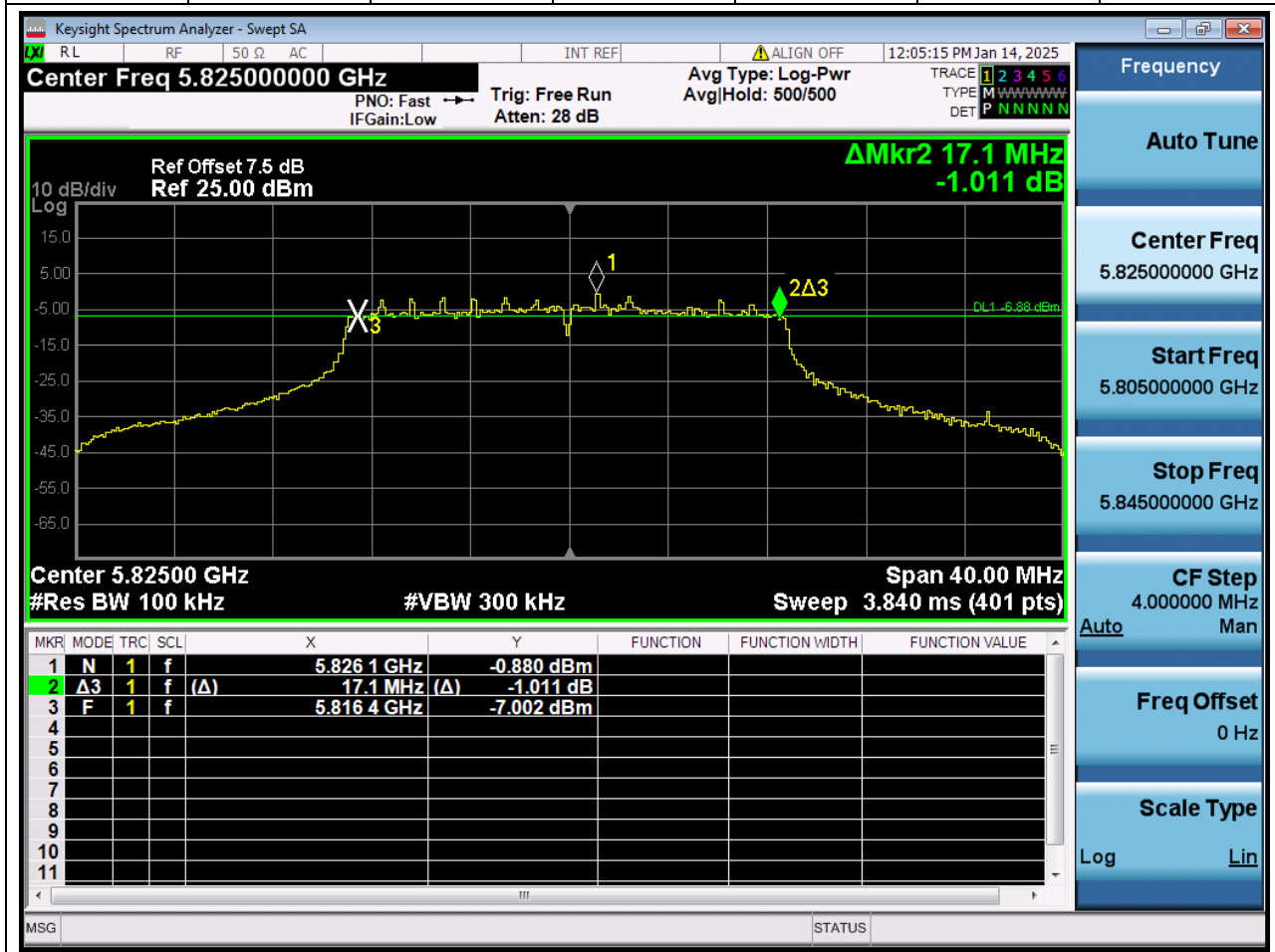
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	6	0.1	Peak	0.5	15.700195	Pass



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	17.100098	Pass



12.1 A.2.1-6dB BandWidth(NTNV)

Keysight Spectrum Analyzer - Swept SA

Center Freq 5.75500000 GHz

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

12:06:32 PM Jan 14, 2025

Frequency

Auto Tune

Center Freq
5.75500000 GHz

Start Freq
5.71500000 GHz

Stop Freq
5.79500000 GHz

CF Step
8.000000 MHz

Auto

Freq Offset
0 Hz

Scale Type
Log

10 dB/div
Log

Ref Offset 7.5 dB
Ref 25.00 dBm

Δ Mkr2 35.2 MHz
-0.963 dB

DL1 -10.91 dBm

Center 5.75500 GHz
#Res BW 100 kHz

#VBW 300 kHz

Span 80.00 MHz
Sweep 7.680 ms (801 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.752 4 GHz	-4.907 dBm			
2	Δ 3	1	f (Δ)	35.2 MHz (Δ)	-0.963 dB			
3	F	1	f	5.737 3 GHz	-12.823 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

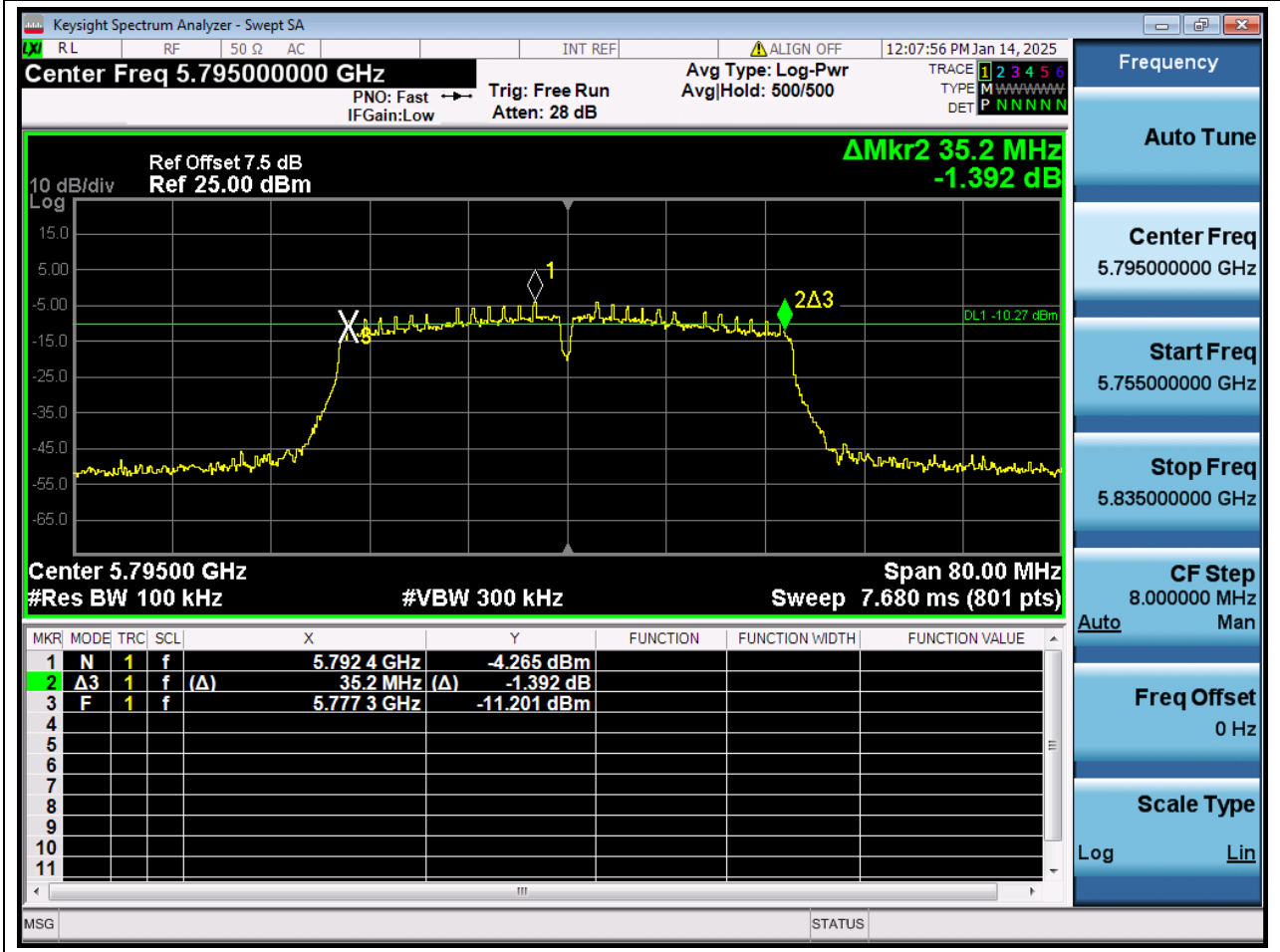
MSG

STATUS

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



14.1 A.2.1-6dB BandWidth(NTNV)

Keysight Spectrum Analyzer - Swept SA

Center Freq 5.77500000 GHz

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

Trig: Free Run
Atten: 28 dB

Ref Offset 7.5 dB
Ref 25.00 dBm

10 dB/div
Log

Δ Mkr2 75.2 MHz
0.804 dB

DL1 -14.88 dBm

Center 5.77500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 160.0 MHz
Sweep 15.36 ms (1601 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.778 6 GHz	-8.879 dBm			
2	Δ 3	1	f (Δ)	75.2 MHz	0.804 dB			
3	F	1	f	5.737 3 GHz	-16.386 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
5.775000000 GHz

Start Freq
5.695000000 GHz

Stop Freq
5.855000000 GHz

CF Step
16.000000 MHz

Auto Man

Freq Offset
0 Hz

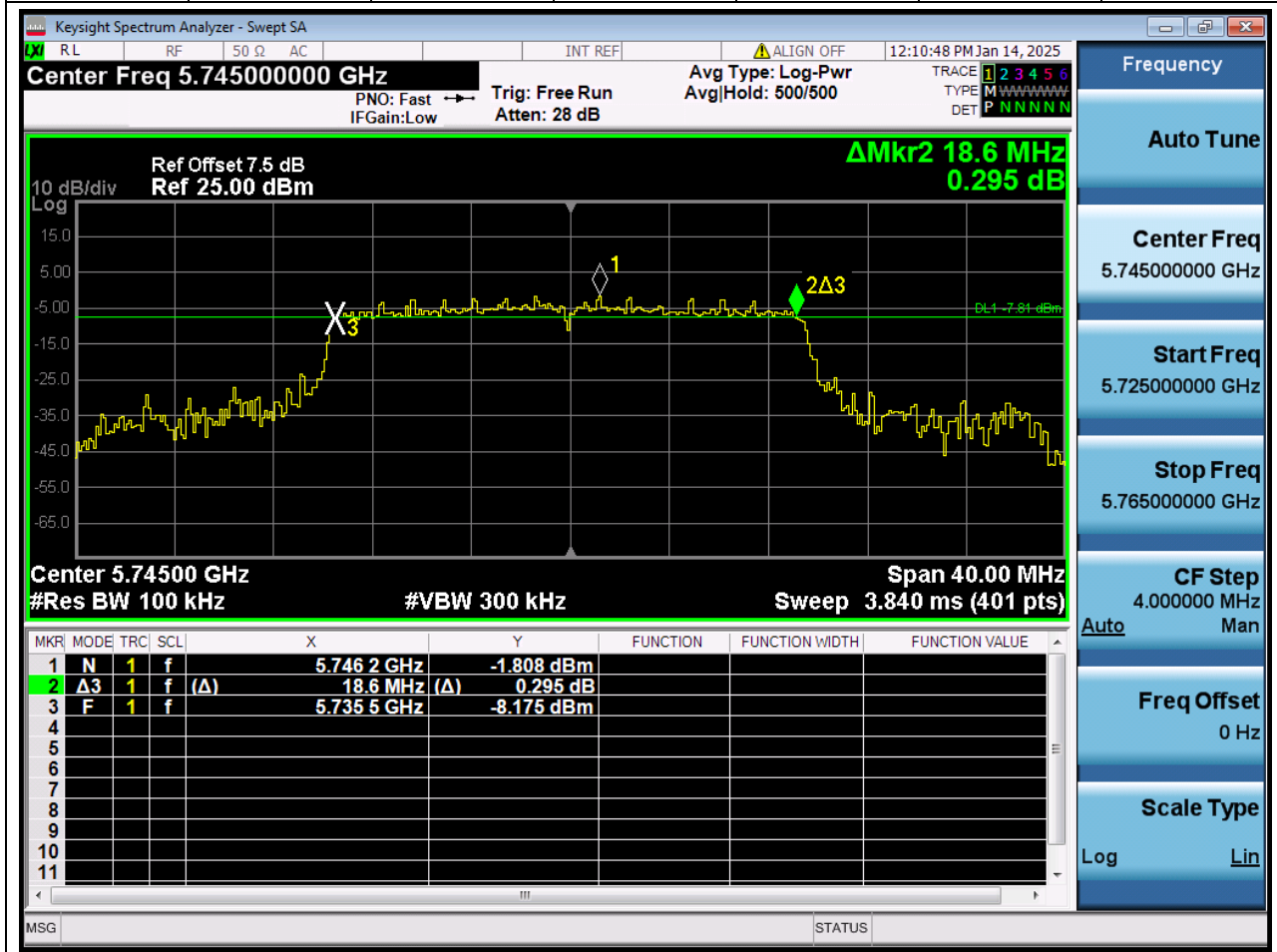
Scale Type
Log Lin

MSG STATUS

15. 802.11ax_20M_Band4_L

15.1 A.2.1-6dB BandWidth(NTNV)

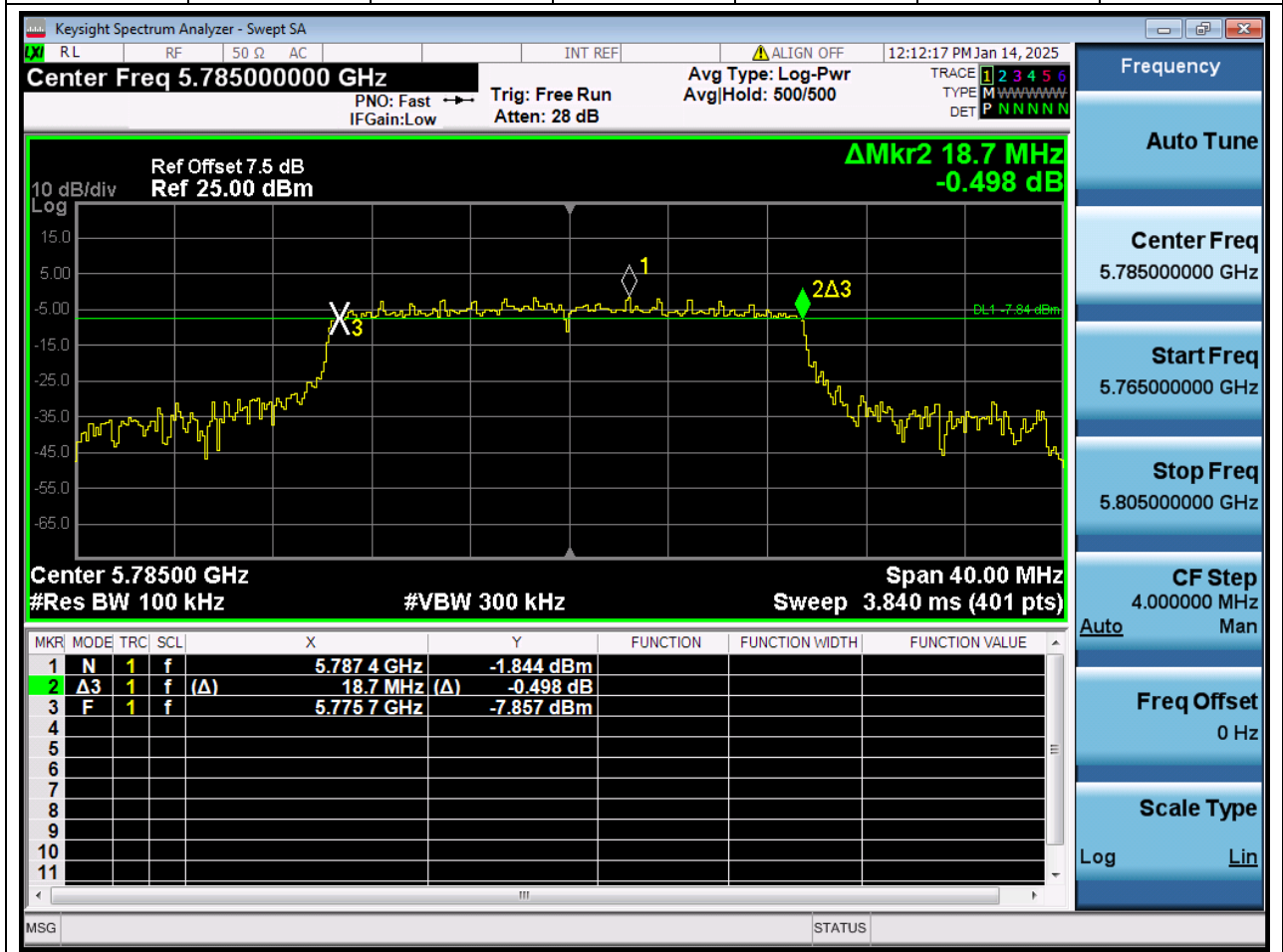
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	6	0.1	Peak	0.5	18.600098	Pass



16. 802.11ax_20M_Band4_M

16.1 A.2.1-6dB BandWidth(NTNV)

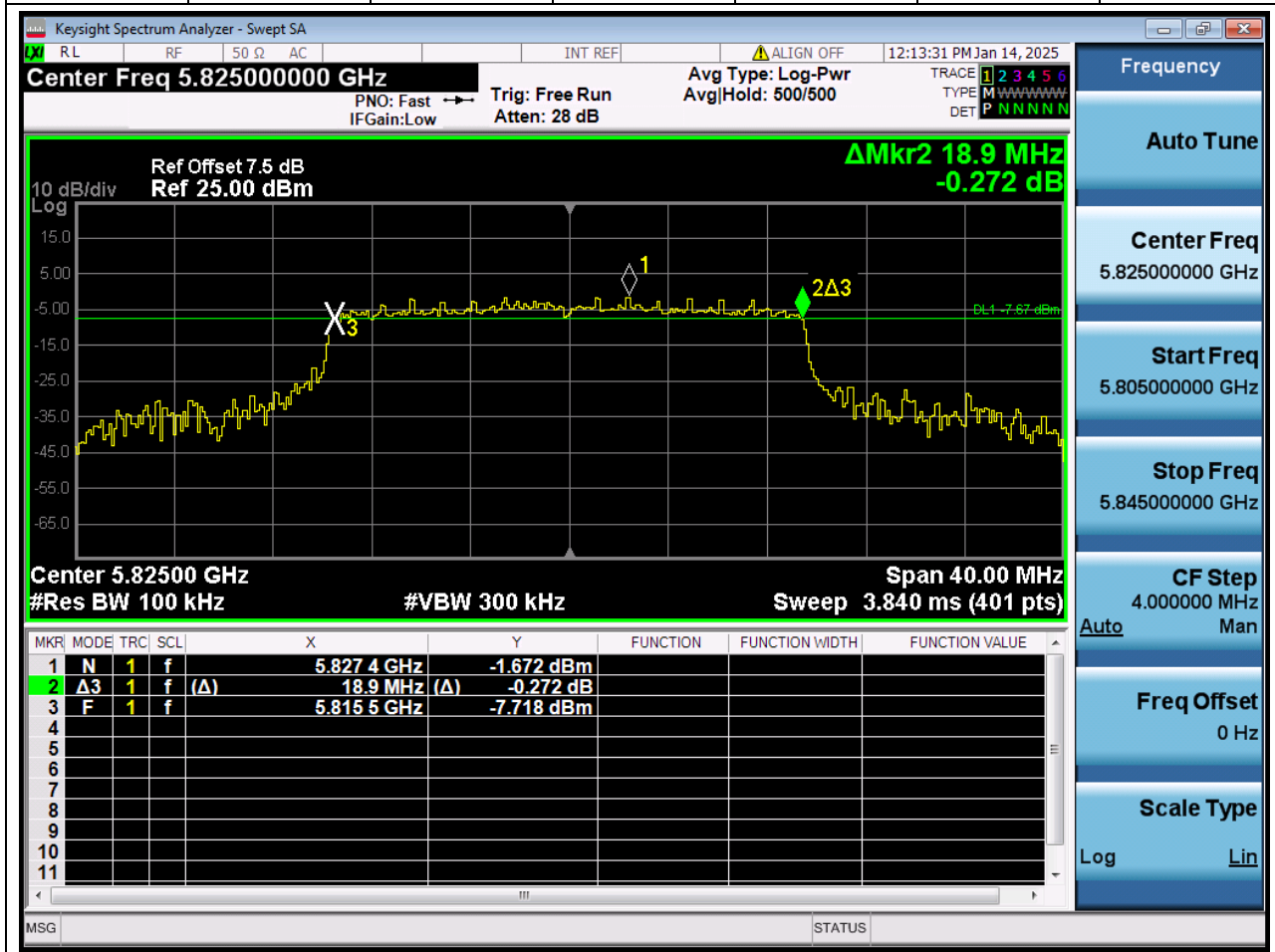
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	6	0.1	Peak	0.5	18.699707	Pass



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	18.899902	Pass

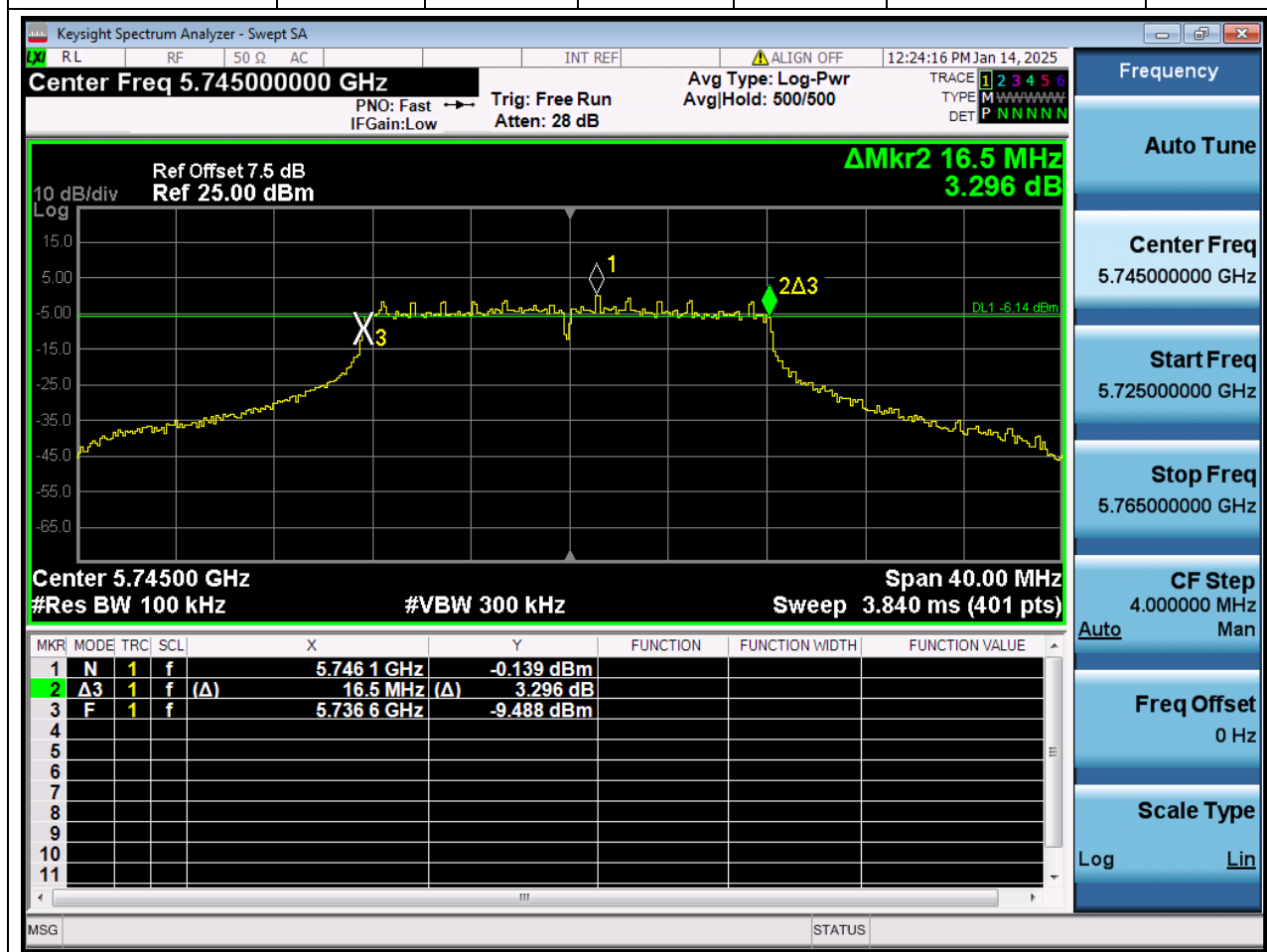


Aux. Antenna

1. 802.11a 20M Band4 L

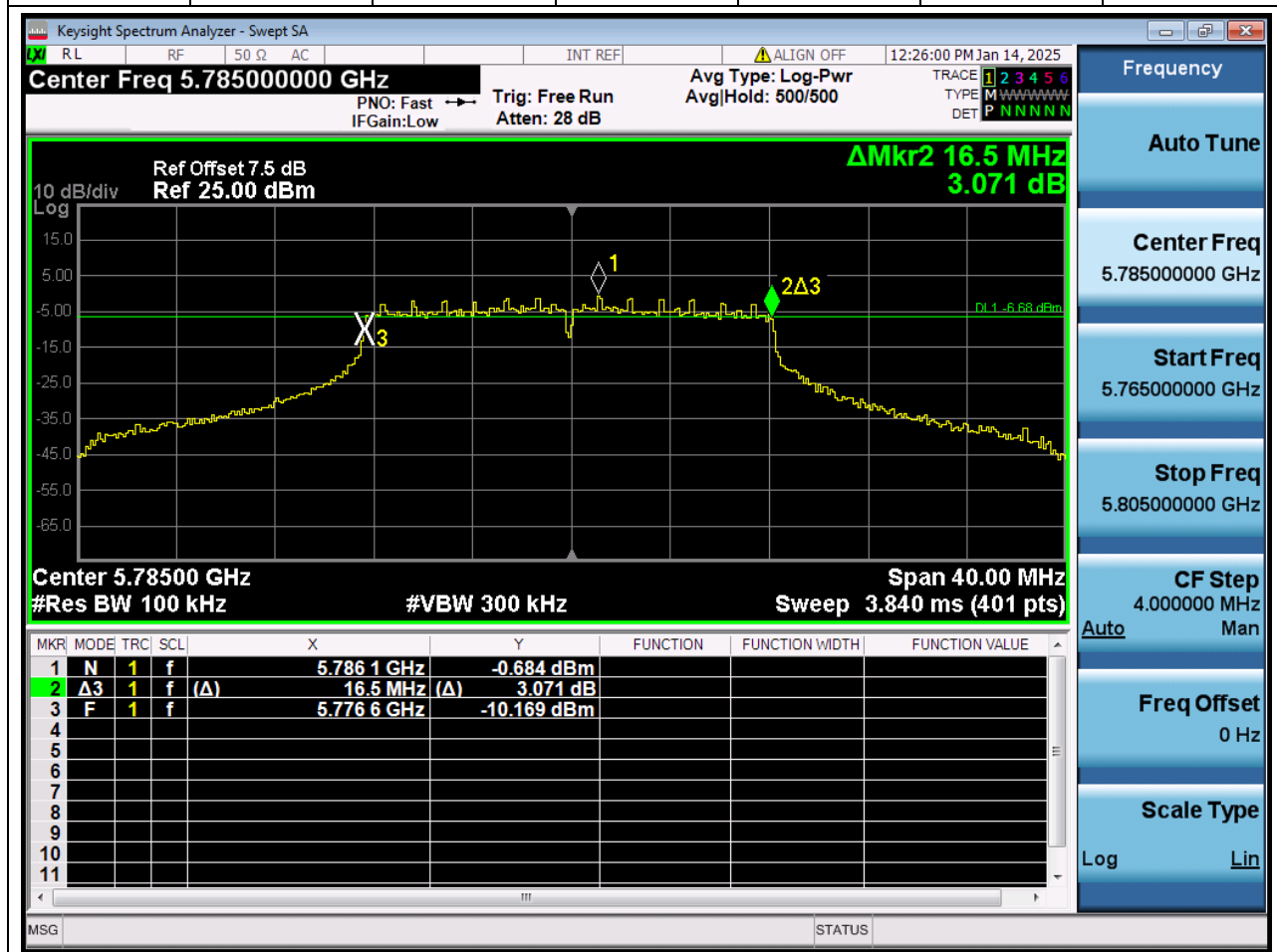
1.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	6	0.1	Peak	0.5	16.5	Pass



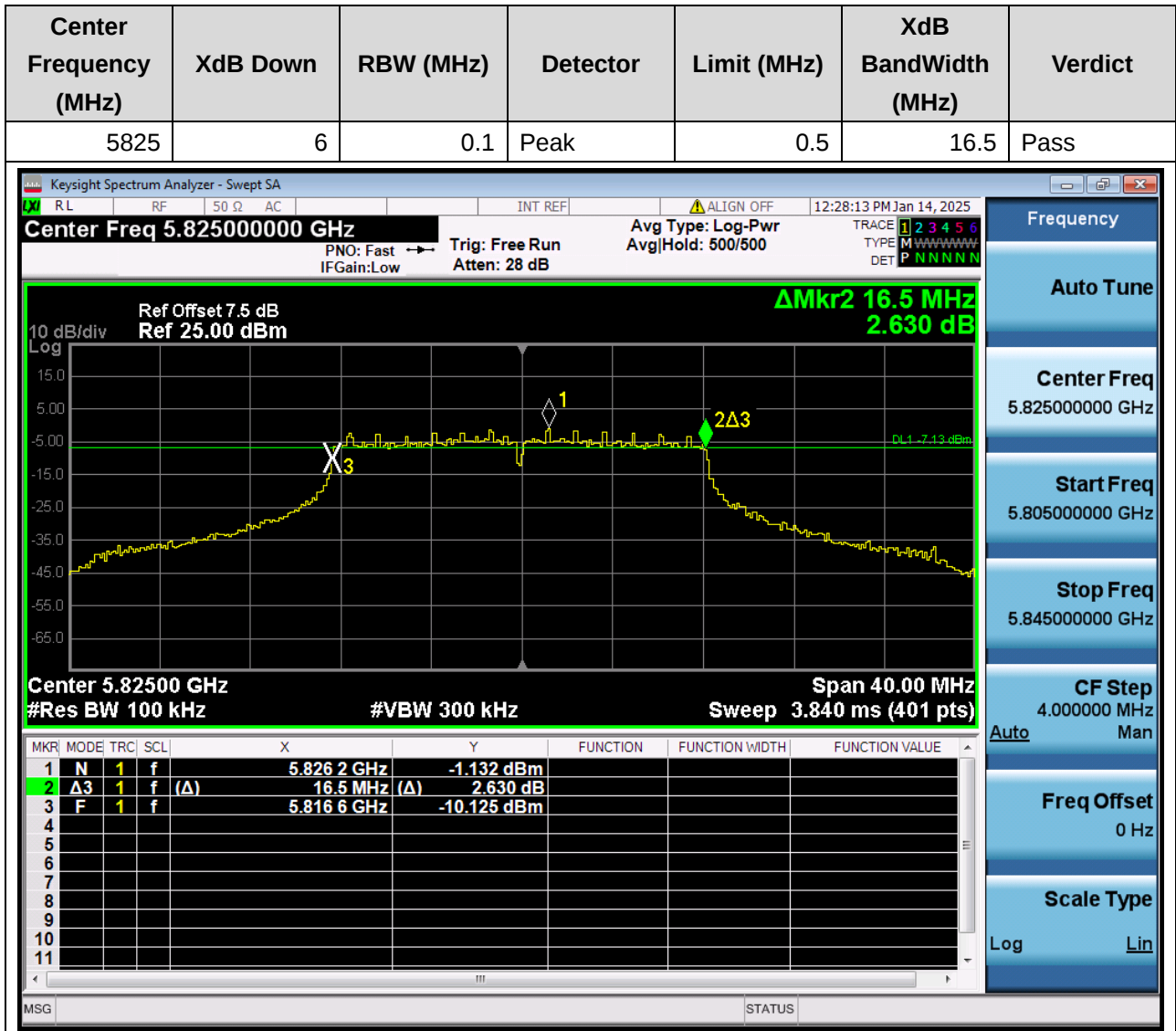
2.1 A.2.1-6dB BandWidth(NTNV)

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



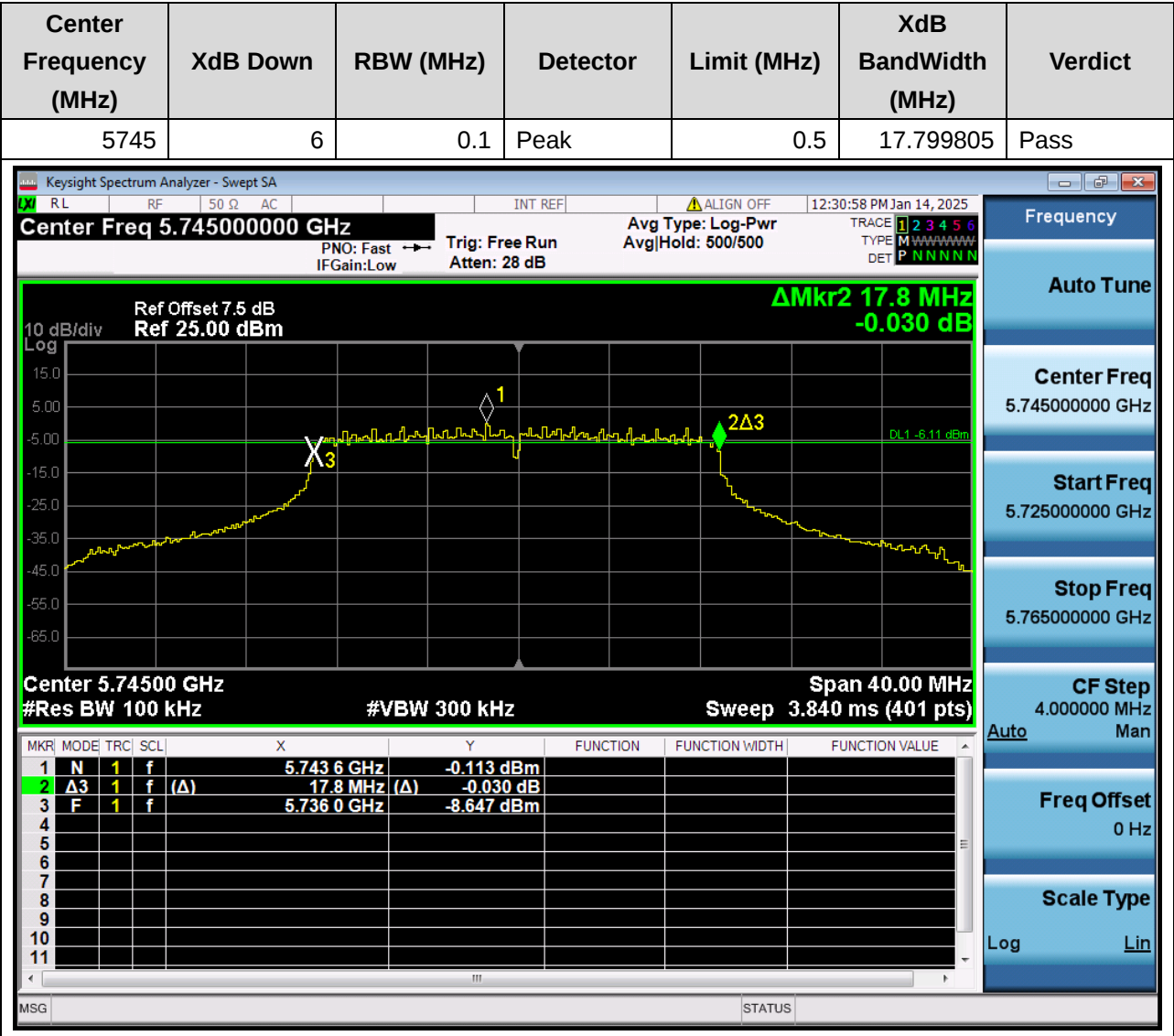
3. 802.11a_20M_Band4_H

3.1 A.2.1-6dB BandWidth(NTNV)



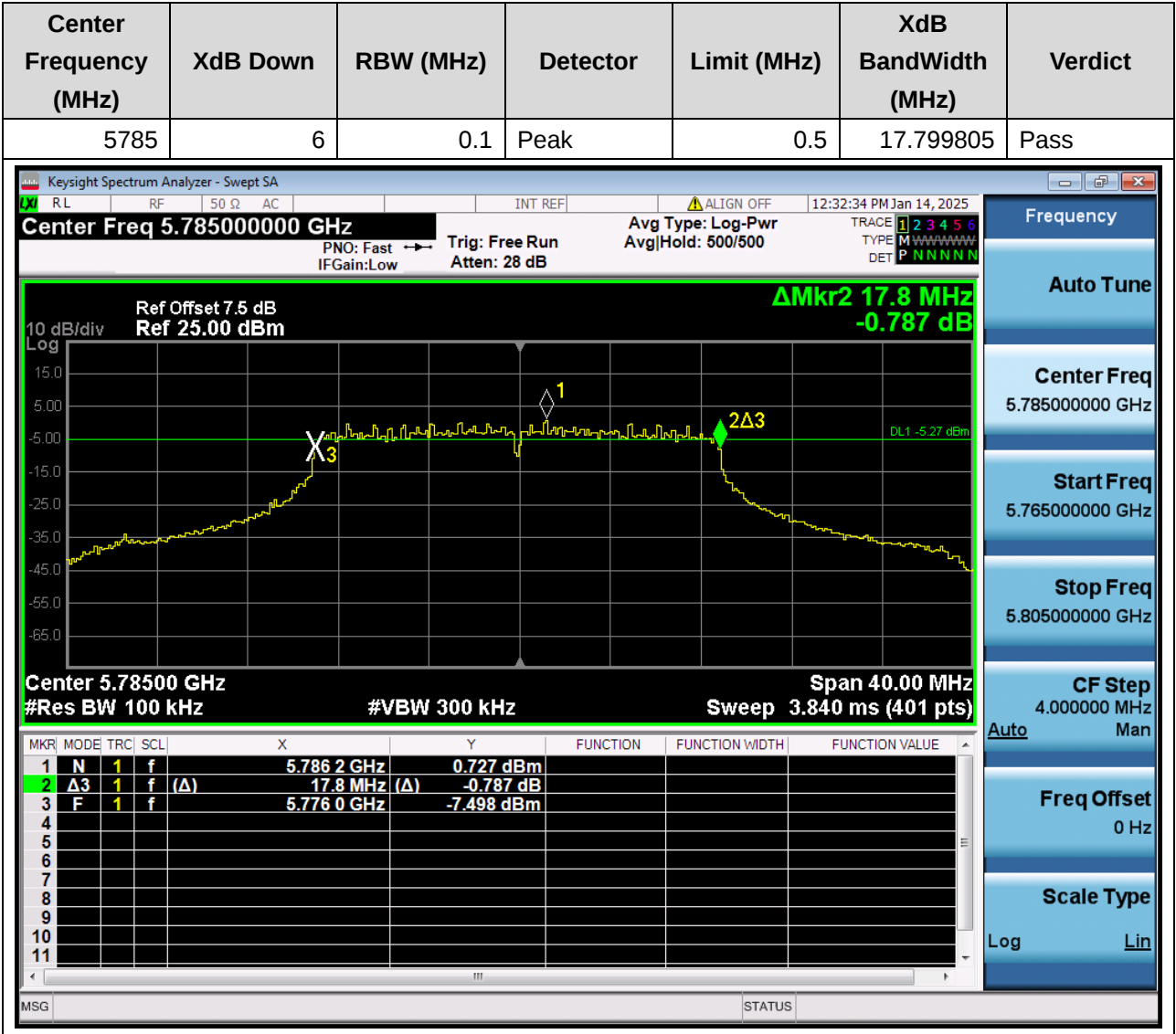
4. 802.11n_20M_Band4_L

4.1 A.2.1-6dB BandWidth(NTNV)



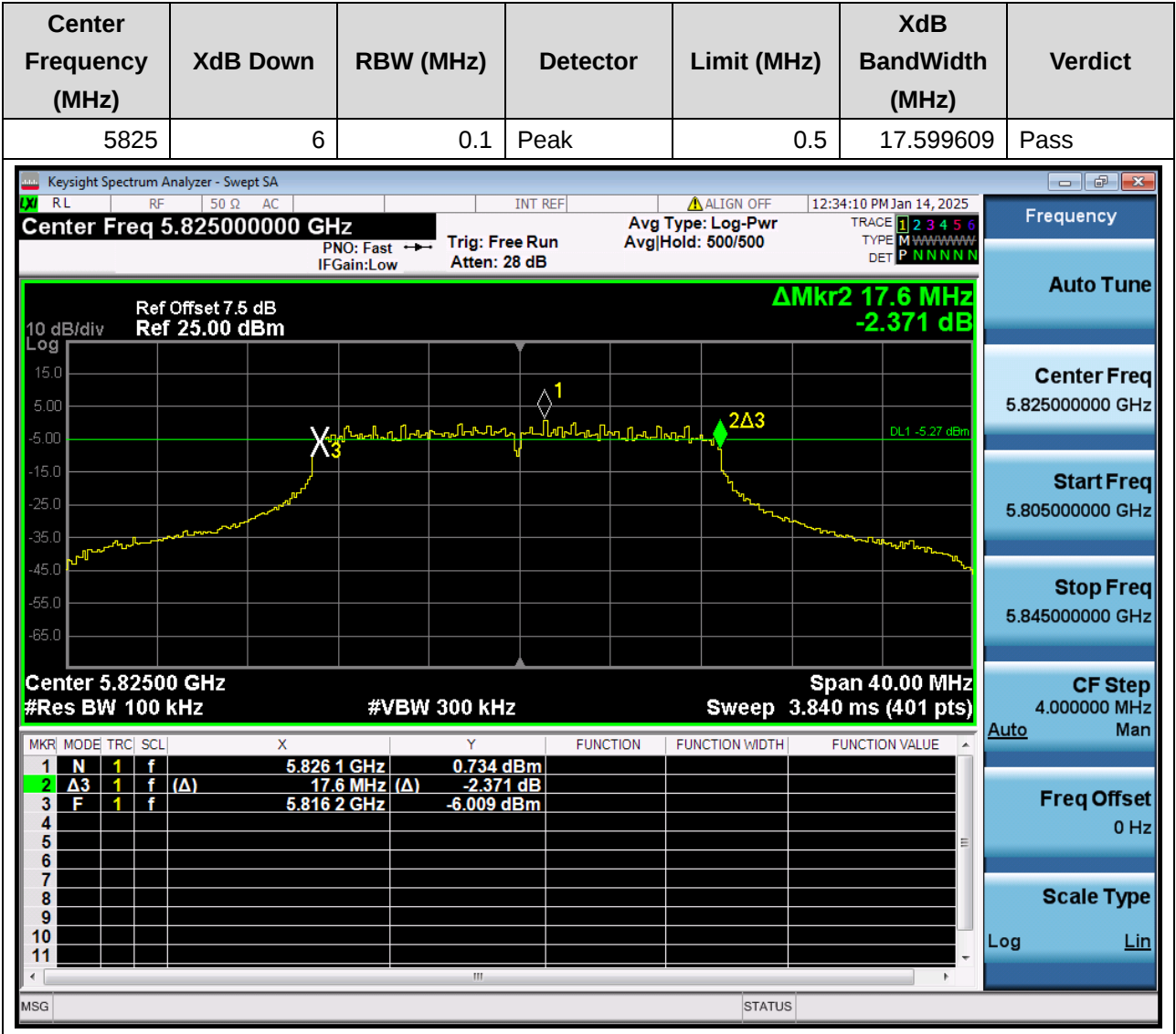
5. 802.11n_20M_Band4_M

5.1 A.2.1-6dB BandWidth(NTNV)



6. 802.11n_20M_Band4_H

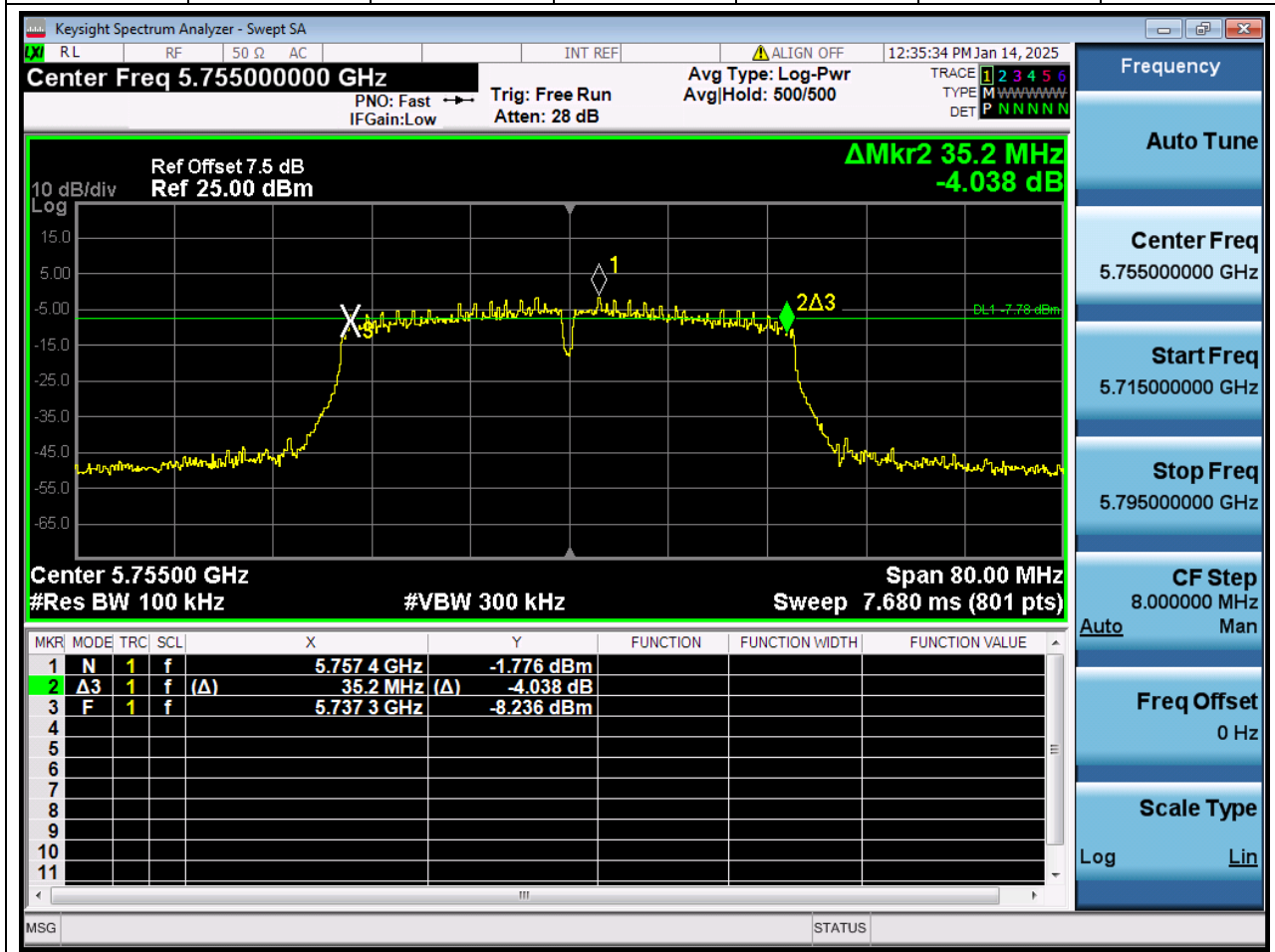
6.1 A.2.1-6dB BandWidth(NTNV)



7. 802.11n_40M_Band4_L

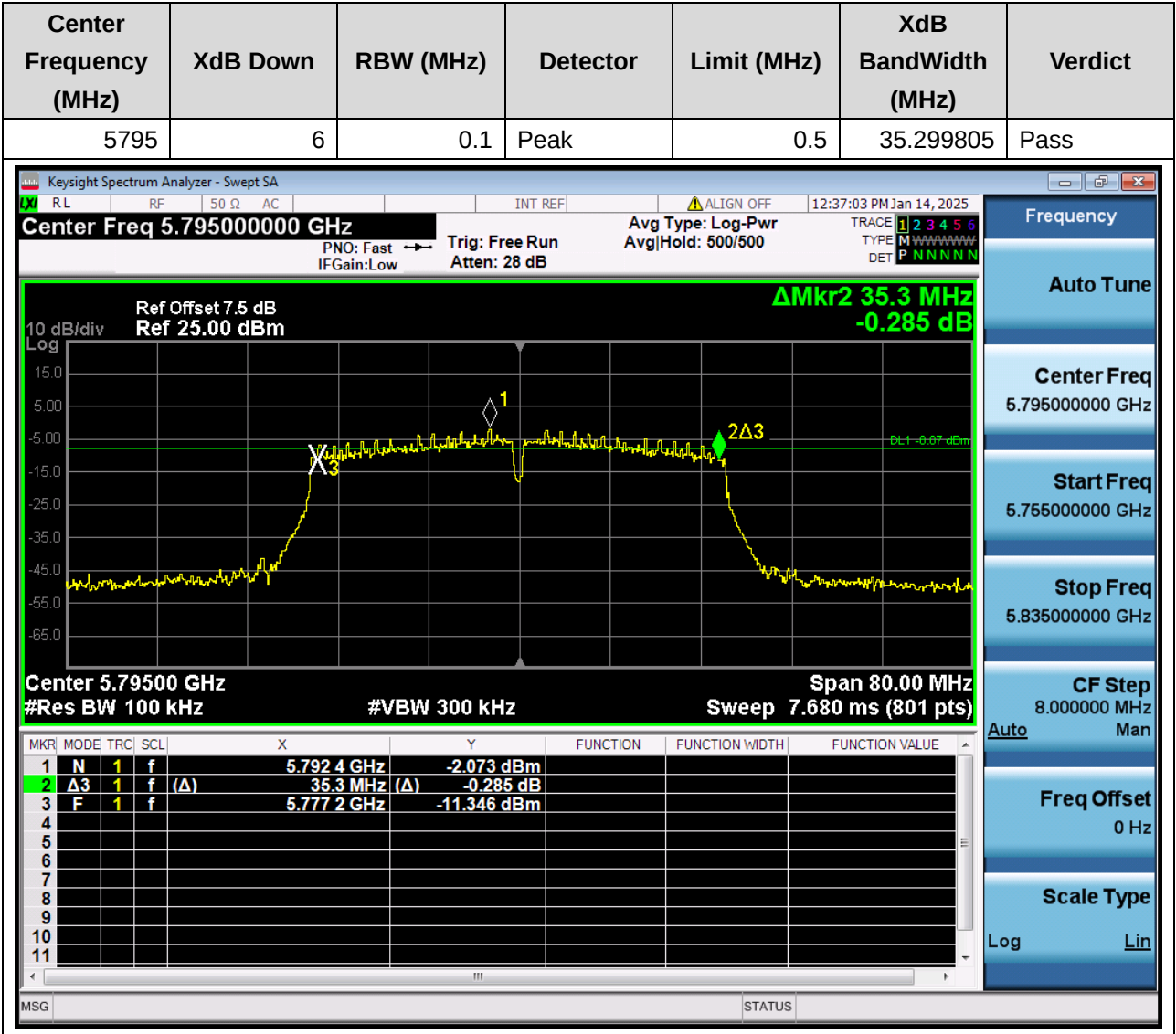
7.1 A.2.1-6dB BandWidth(NTNV)

Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.200195	Pass



8. 802.11n_40M_Band4_H

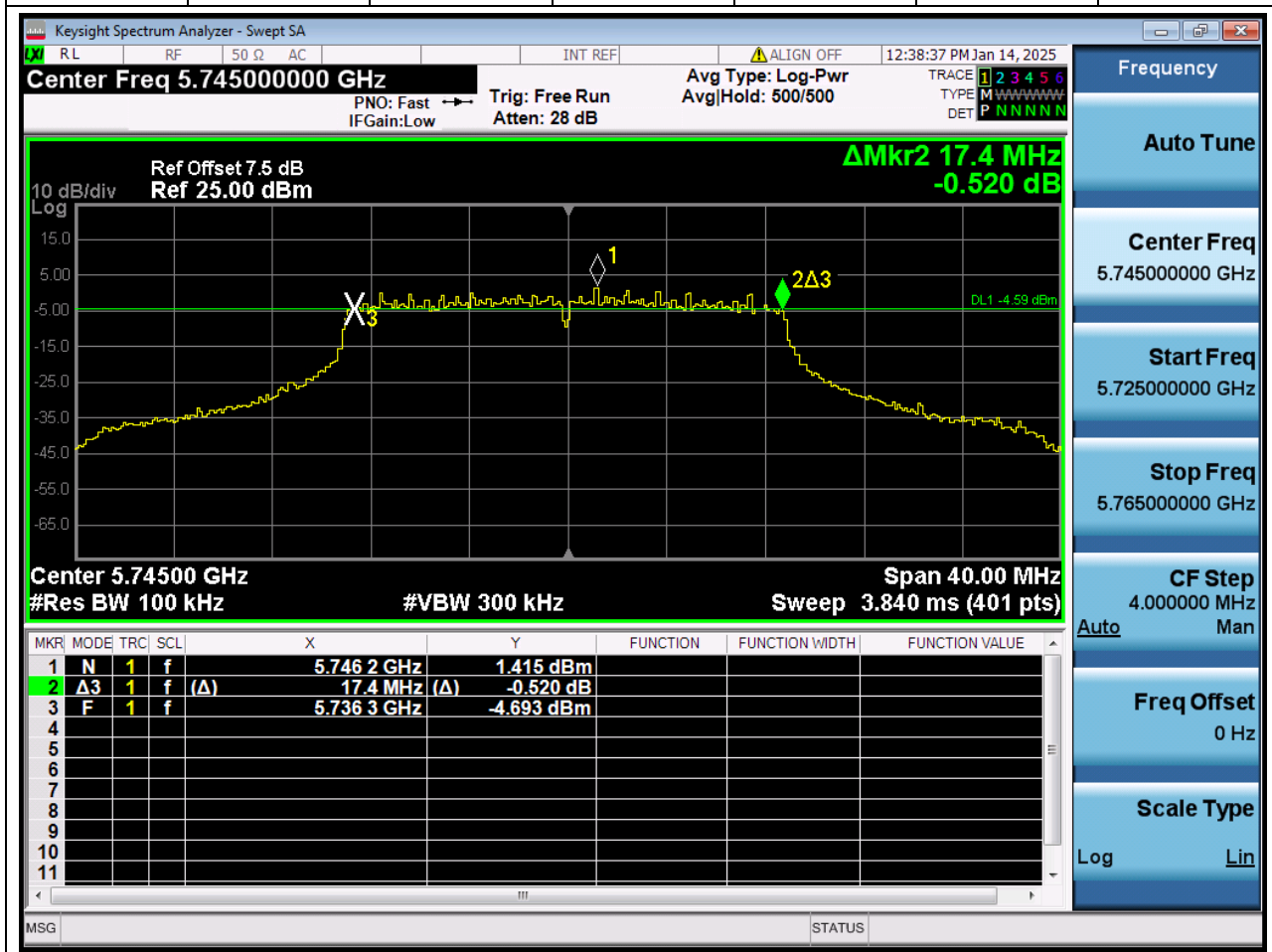
8.1 A.2.1-6dB BandWidth(NTNV)



9. 802.11ac_20M_Band4_L

9.1 A.2.1-6dB BandWidth(NTNV)

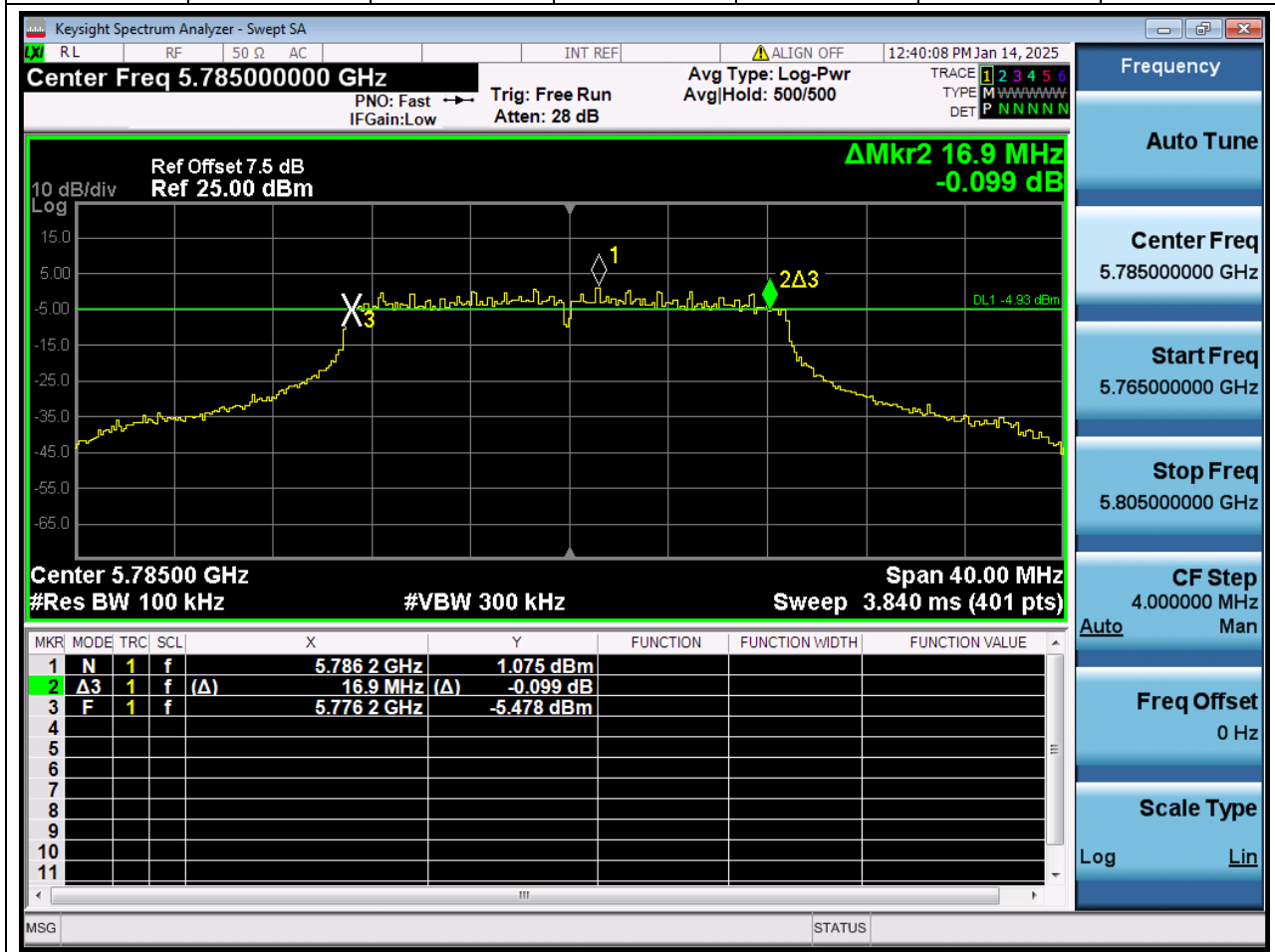
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	6	0.1	Peak	0.5	17.400391	Pass



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	16.899902	Pass



11. 802.11ac_20M_Band4_H

11.1 A.2.1-6dB BandWidth(NTNV)

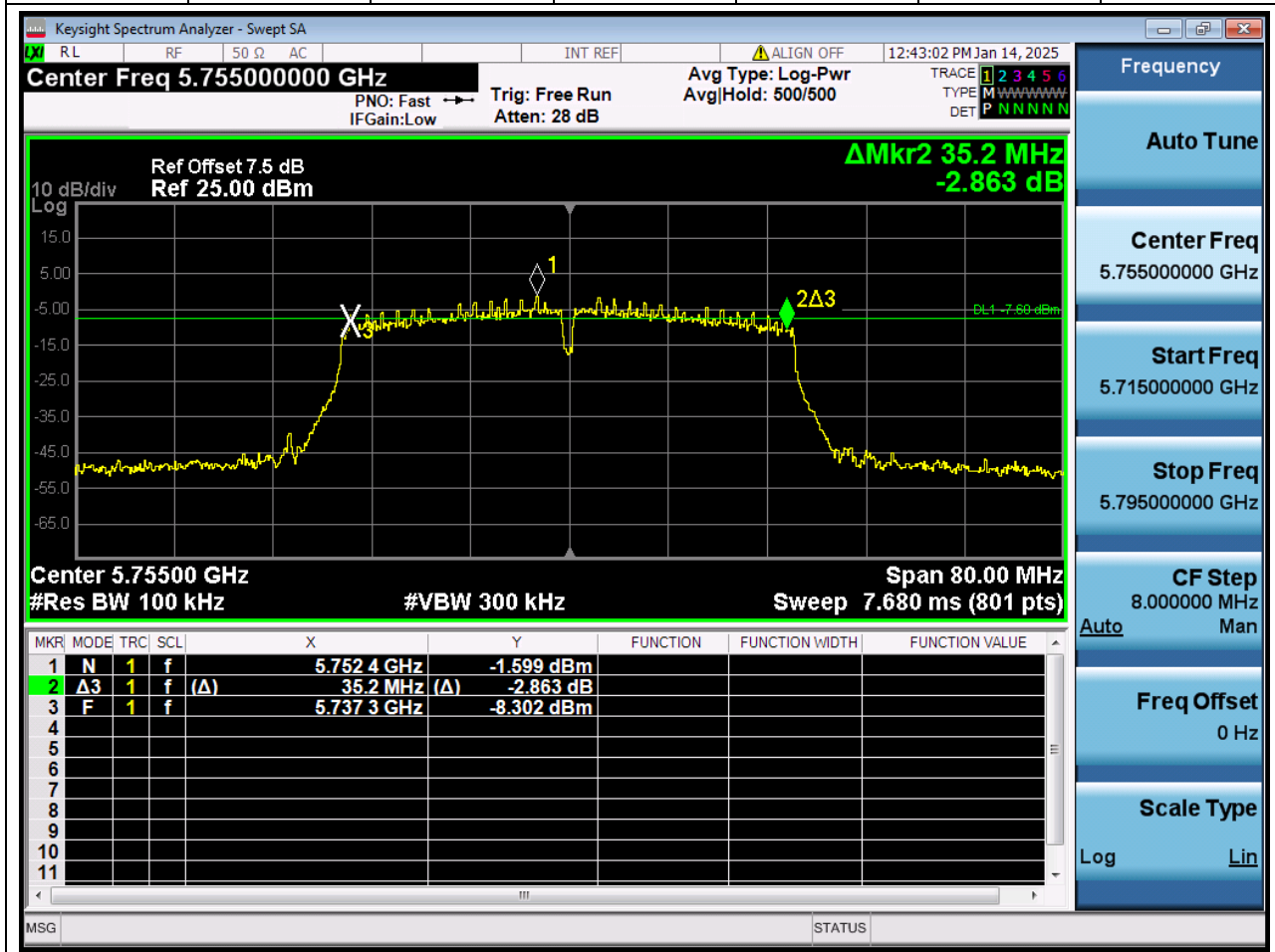
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5825	6	0.1	Peak	0.5	17.299805	Pass



12. 802.11ac_40M_Band4_L

12.1 A.2.1-6dB BandWidth(NTNV)

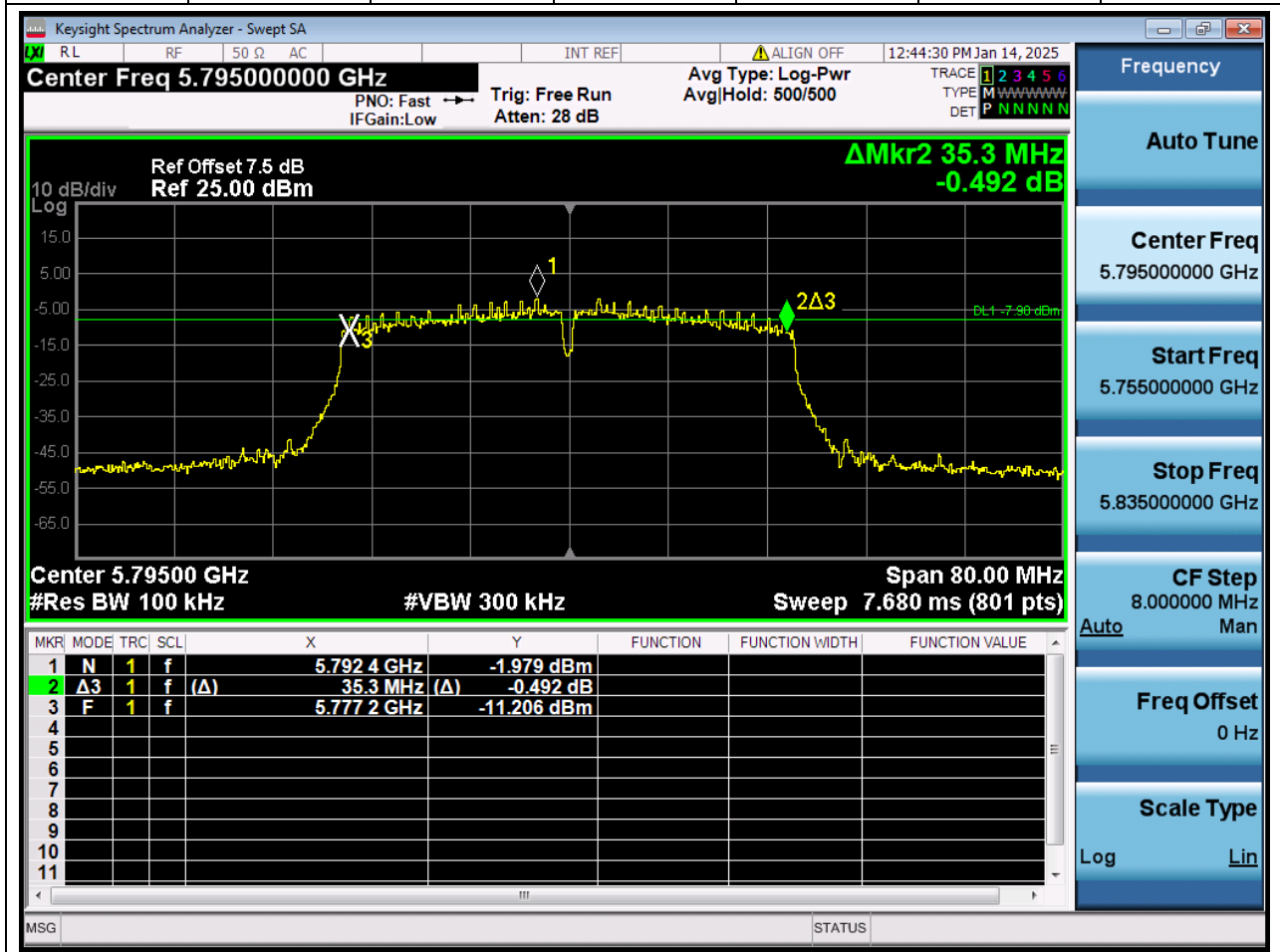
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.200195	Pass



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	35.299805	Pass



14.1 A.2.1-6dB BandWidth(NTNV)

Keysight Spectrum Analyzer - Swept SA

Center Freq 5.77500000 GHz

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

Trig: Free Run
Atten: 28 dB

Ref Offset 7.5 dB
Ref 25.00 dBm

Δ Mkr2 75.2 MHz
0.294 dB

10 dB/div
Log

Center 5.77500 GHz
#Res BW 100 kHz

Span 160.0 MHz
Sweep 15.36 ms (1601 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.769 9 GHz	-6.356 dBm			
2	Δ 3	1	f (Δ)	75.2 MHz	0.294 dB			
3	F	1	f	5.737 3 GHz	-15.531 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
5.775000000 GHz

Start Freq
5.695000000 GHz

Stop Freq
5.855000000 GHz

CF Step
16.000000 MHz

Auto Man

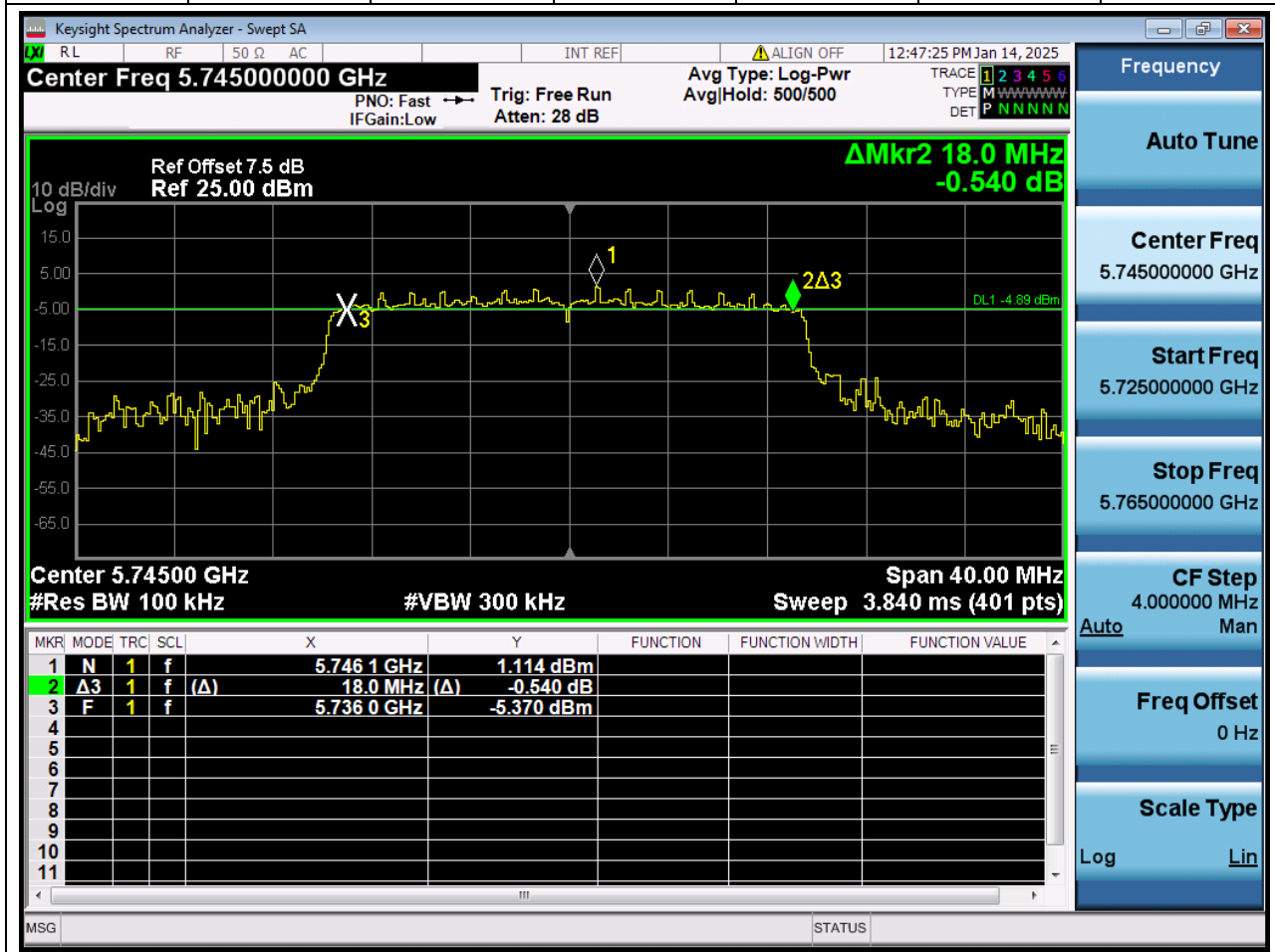
Freq Offset
0 Hz

Scale Type
Log Lin

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	Pass



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	18.599609	Pass



17.1 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

Δ Mkr2 18.3 MHz
0.267 dB

10 dB/div
Log

DL1 -5.43 dBm

Center 5.82500 GHz
#Res BW 100 kHz

#VBW 300 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 1 GHz	0.566 dBm			
2	Δ3	1	f (Δ)	18.3 MHz (Δ)	0.267 dB			
3	F	1	f	5.815 7 GHz	-5.771 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
5.825000000 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

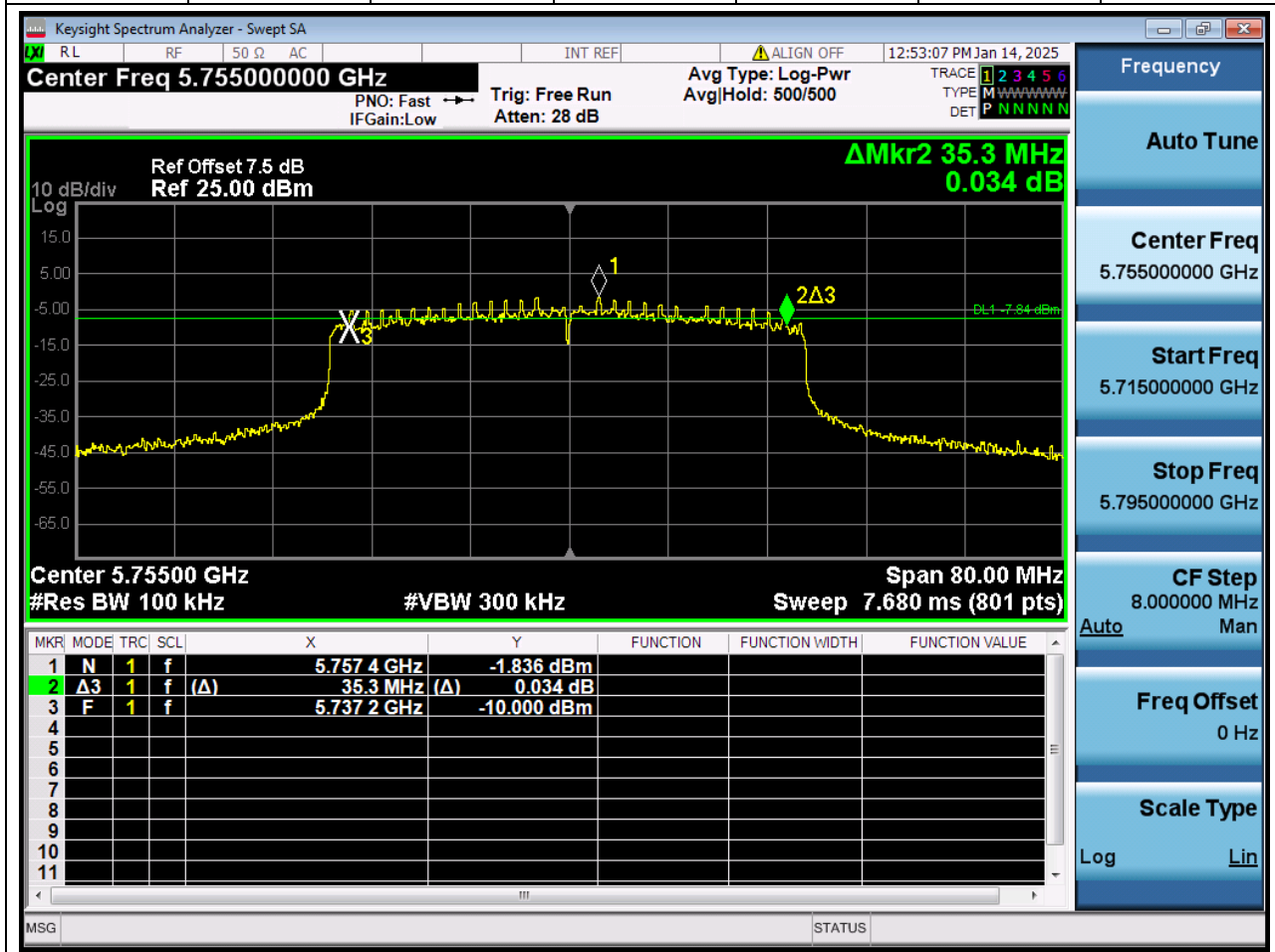
MSG

STATUS

18. 802.11ax_40M_Band4_L

18.1 A.2.1-6dB BandWidth(NTNV)

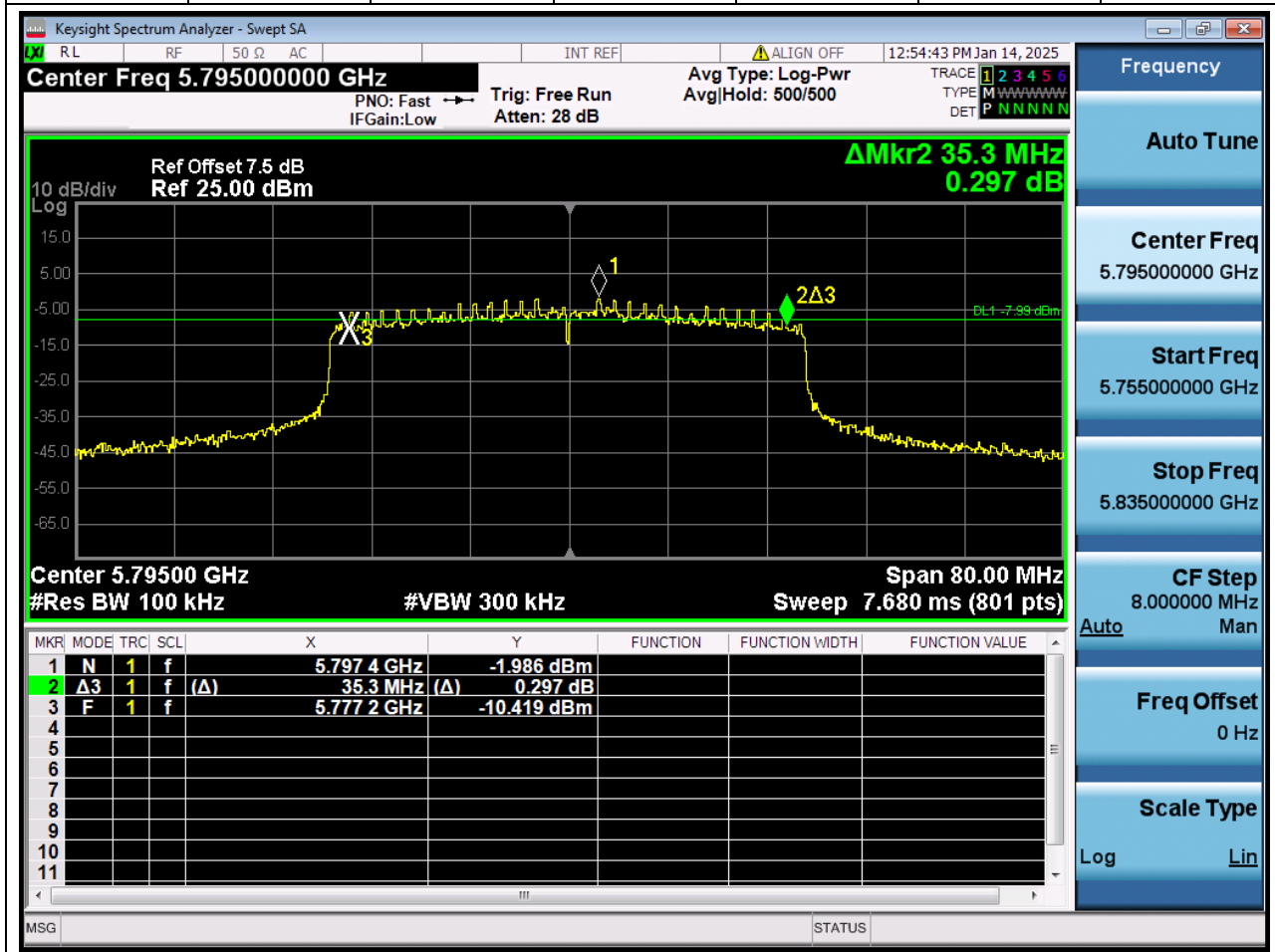
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.299805	Pass



19. 802.11ax_40M_Band4_H

19.1 A.2.1-6dB BandWidth(NTNV)

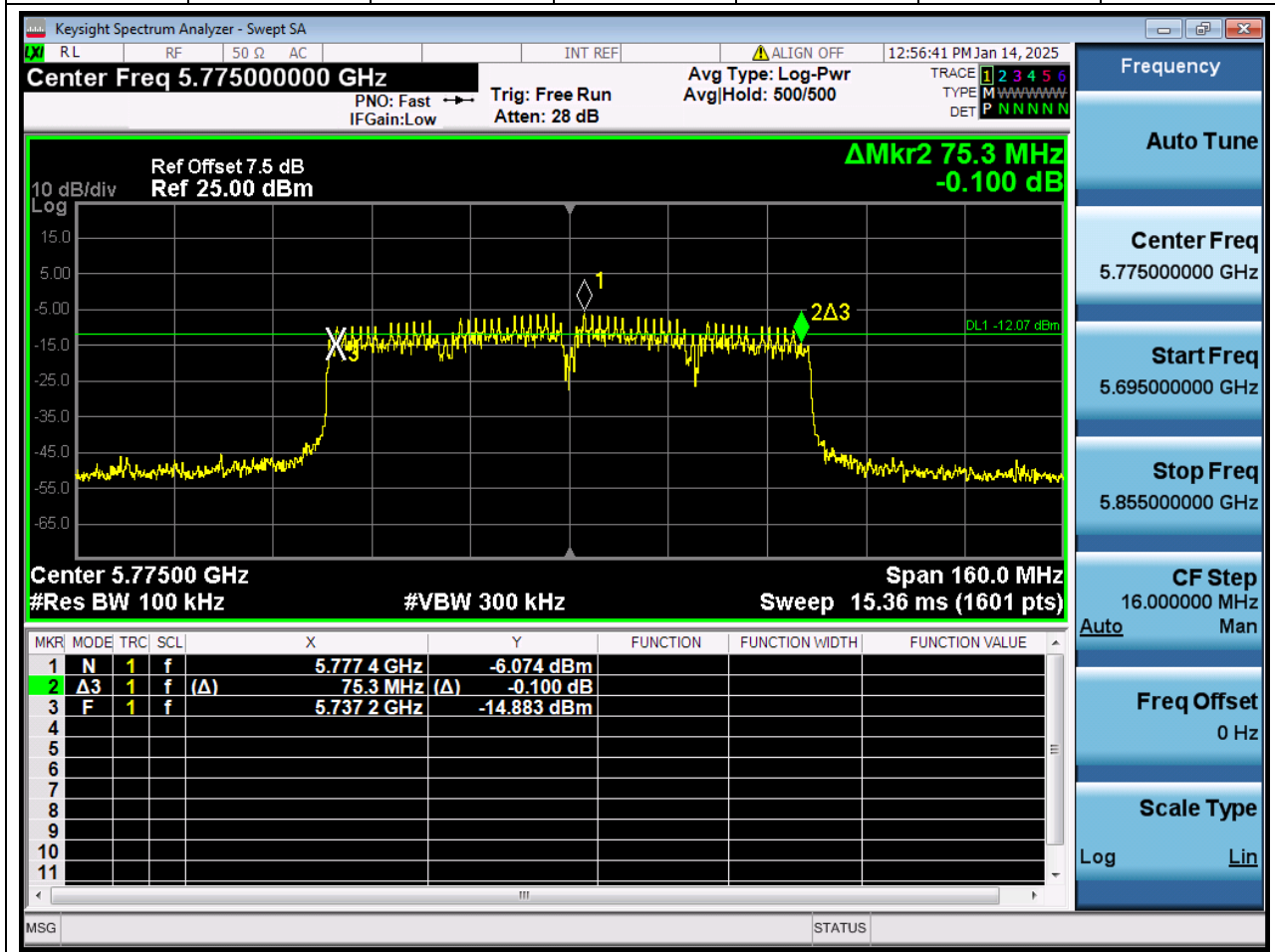
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5795	6	0.1	Peak	0.5	35.299805	Pass



20. 802.11ax_80M_Band4_M

20.1 A.2.1-6dB BandWidth(NTNV)

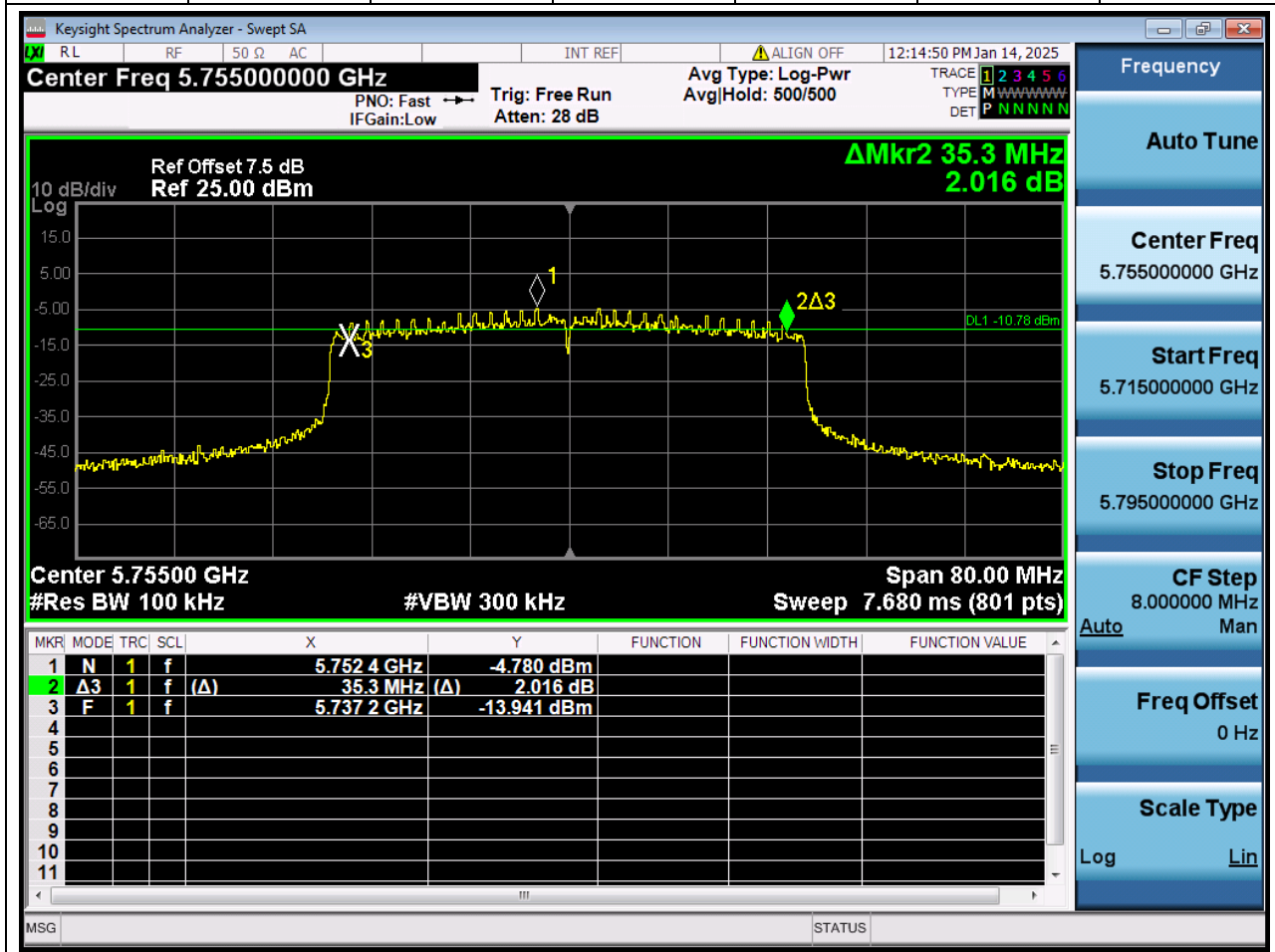
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5775	6	0.1	Peak	0.5	75.299805	Pass



18. 802.11ax_40M_Band4_L

18.1 A.2.1-6dB BandWidth(NTNV)

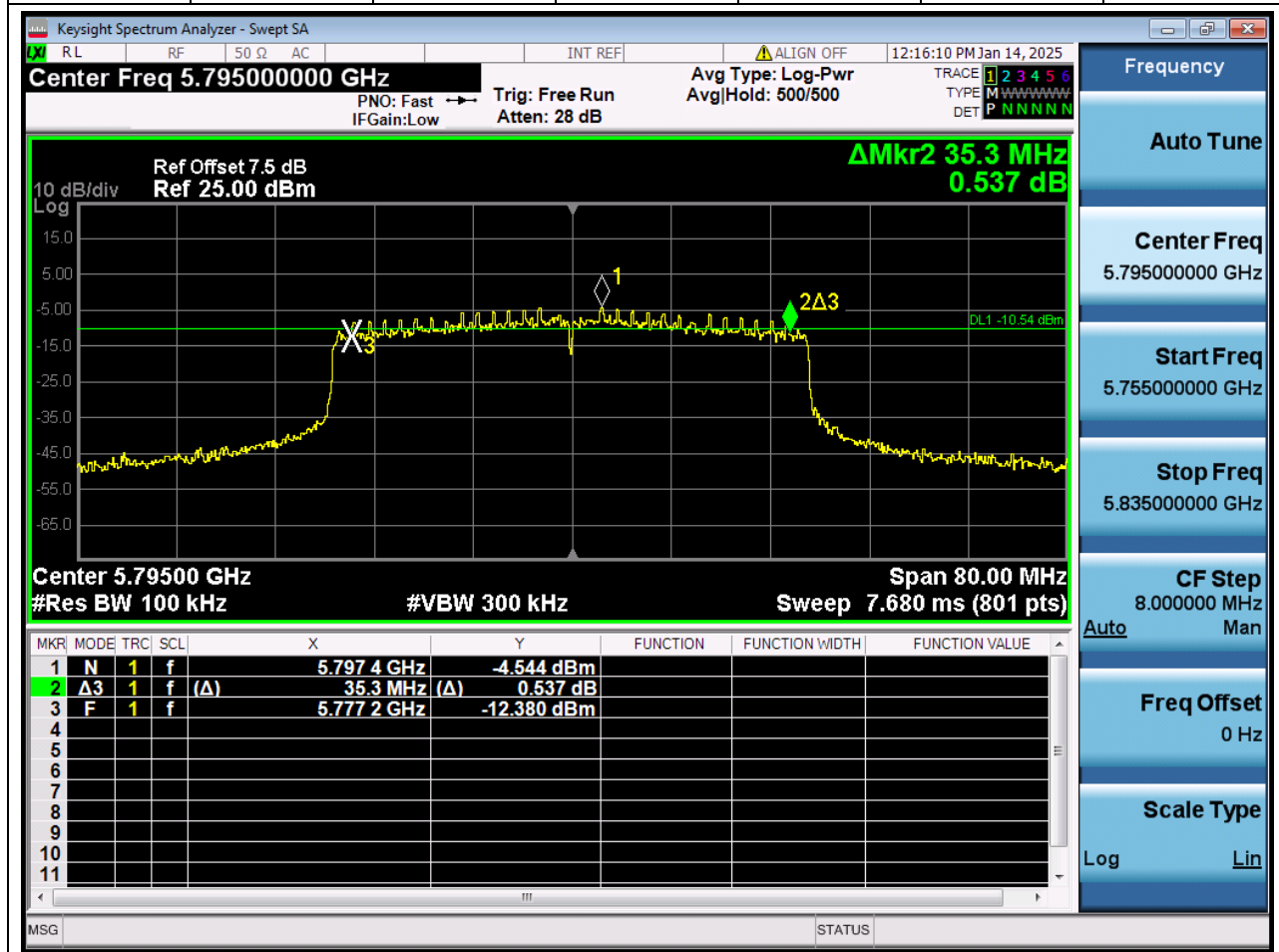
Center Frequency (MHz)	XdB Down	RBW (MHz)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5755	6	0.1	Peak	0.5	35.299805	Pass



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	35.299805	Pass



20. 802.11ax_80M_Band4_M

20.1 A.2.1-6dB BandWidth(NTNV)

