

## **Annex A.2 Emission Bandwidth & 99% Bandwidth**



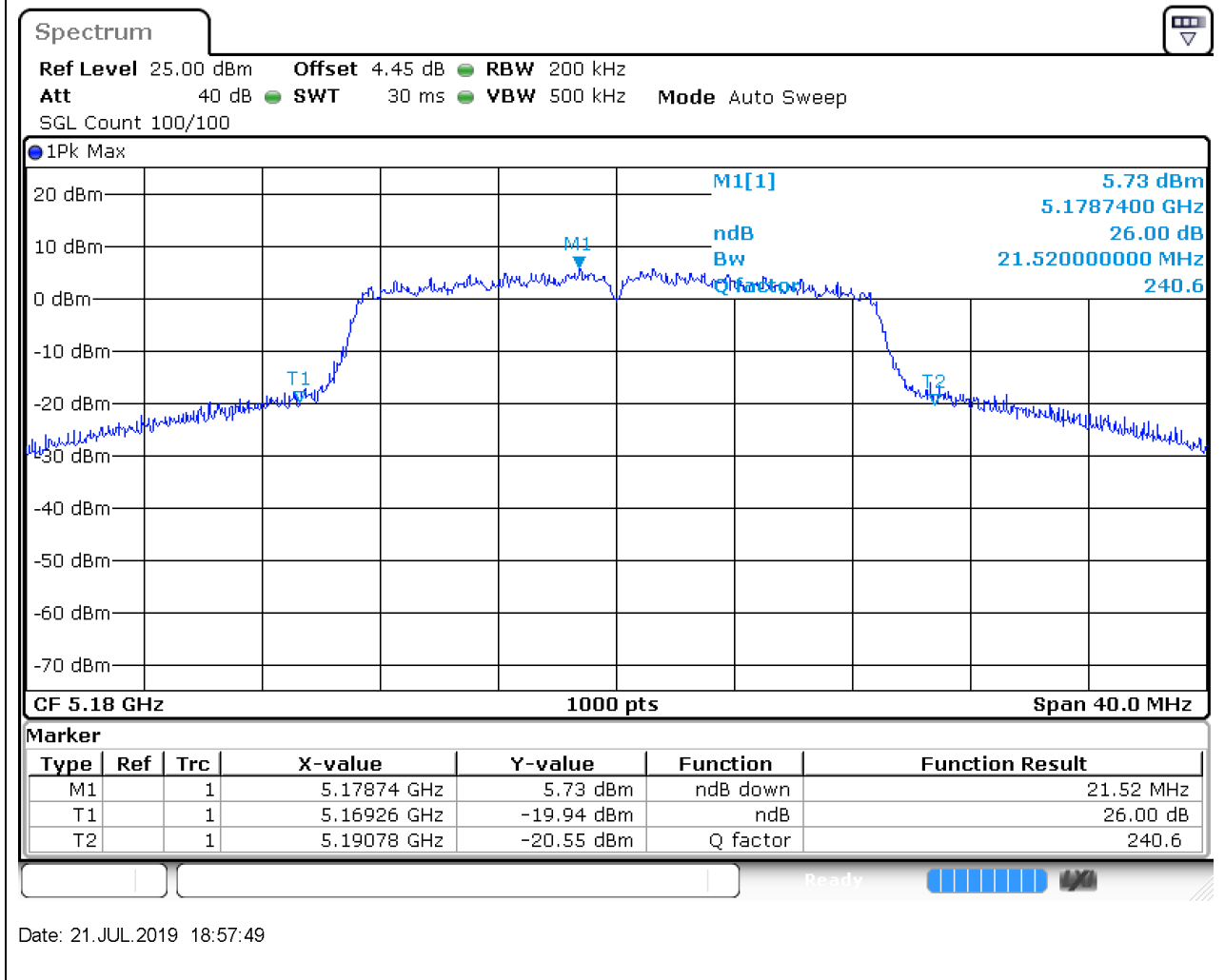




## 4. 802.11n\_20M\_Band1\_L

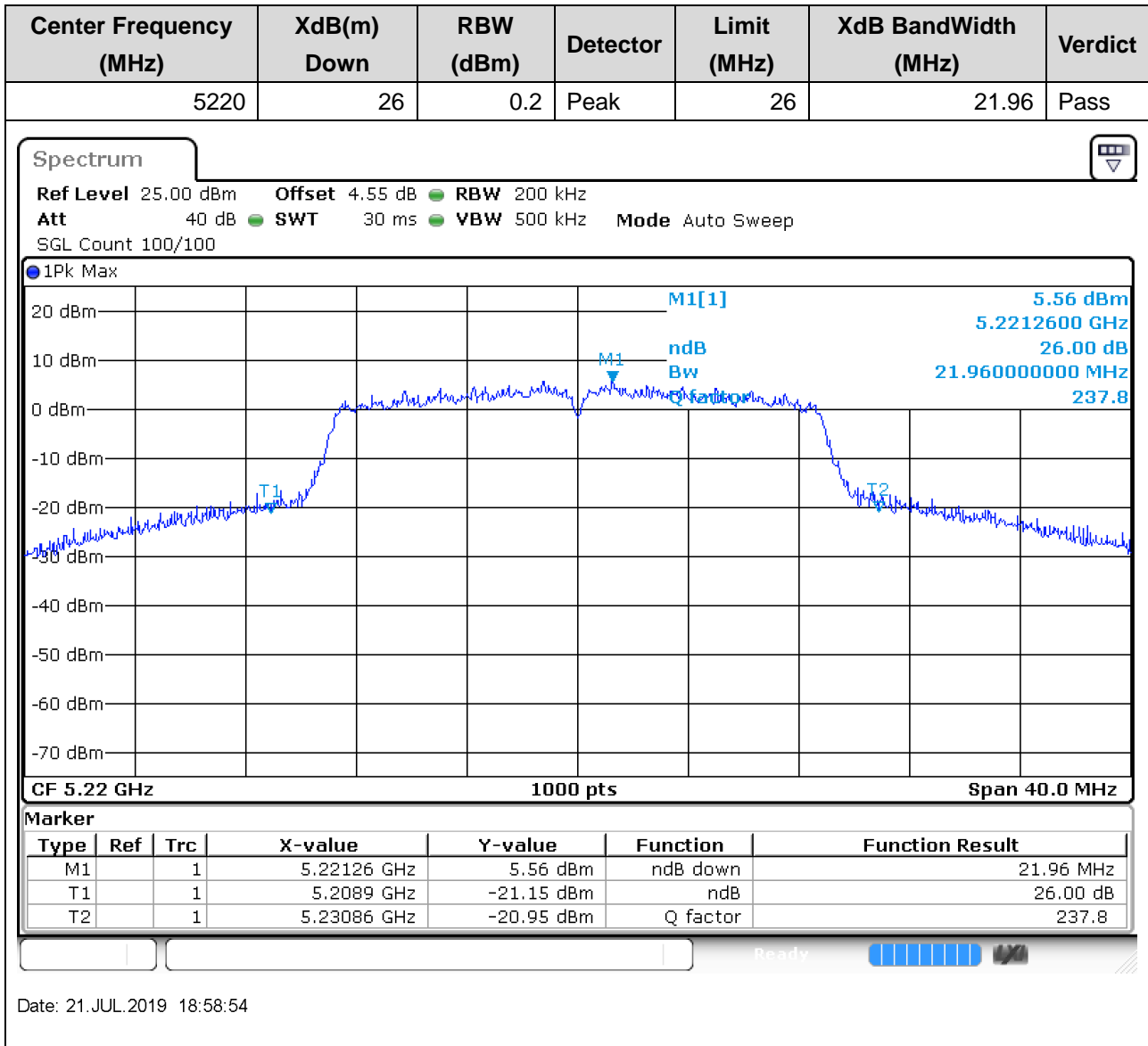
### 4.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5180	26	0.2	Peak	26	21.52	Pass



## 5. 802.11n\_20M\_Band1\_M

### 5.1. A.2-26dB Bandwidth(NTNV)







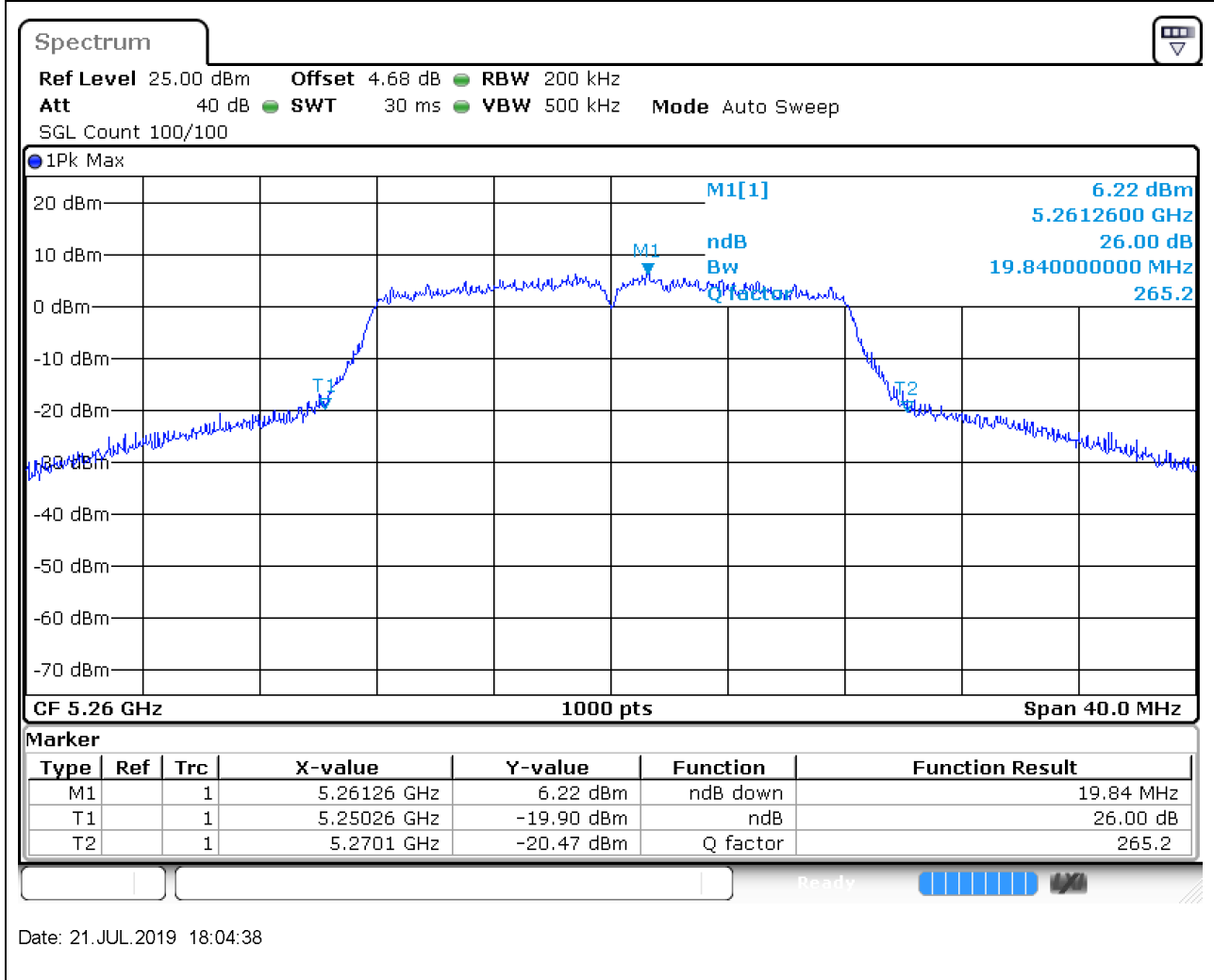




## 9. 802.11a\_20M\_Band2\_L

### 9.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5260	26	0.2	Peak	26	19.84	Pass

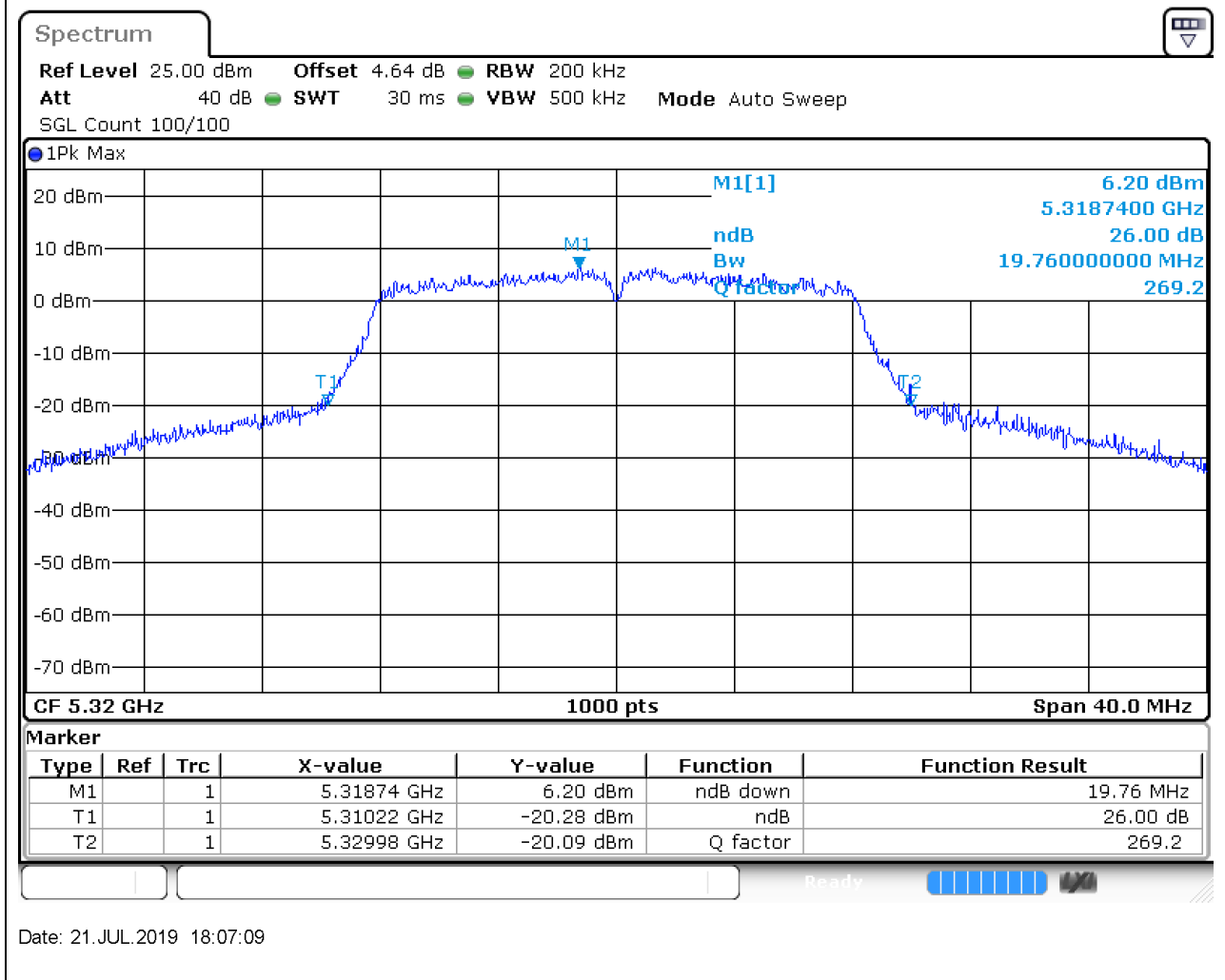




## 11. 802.11a\_20M\_Band2\_H

### 11.1. A.2-26dB Bandwidth(NTNV)

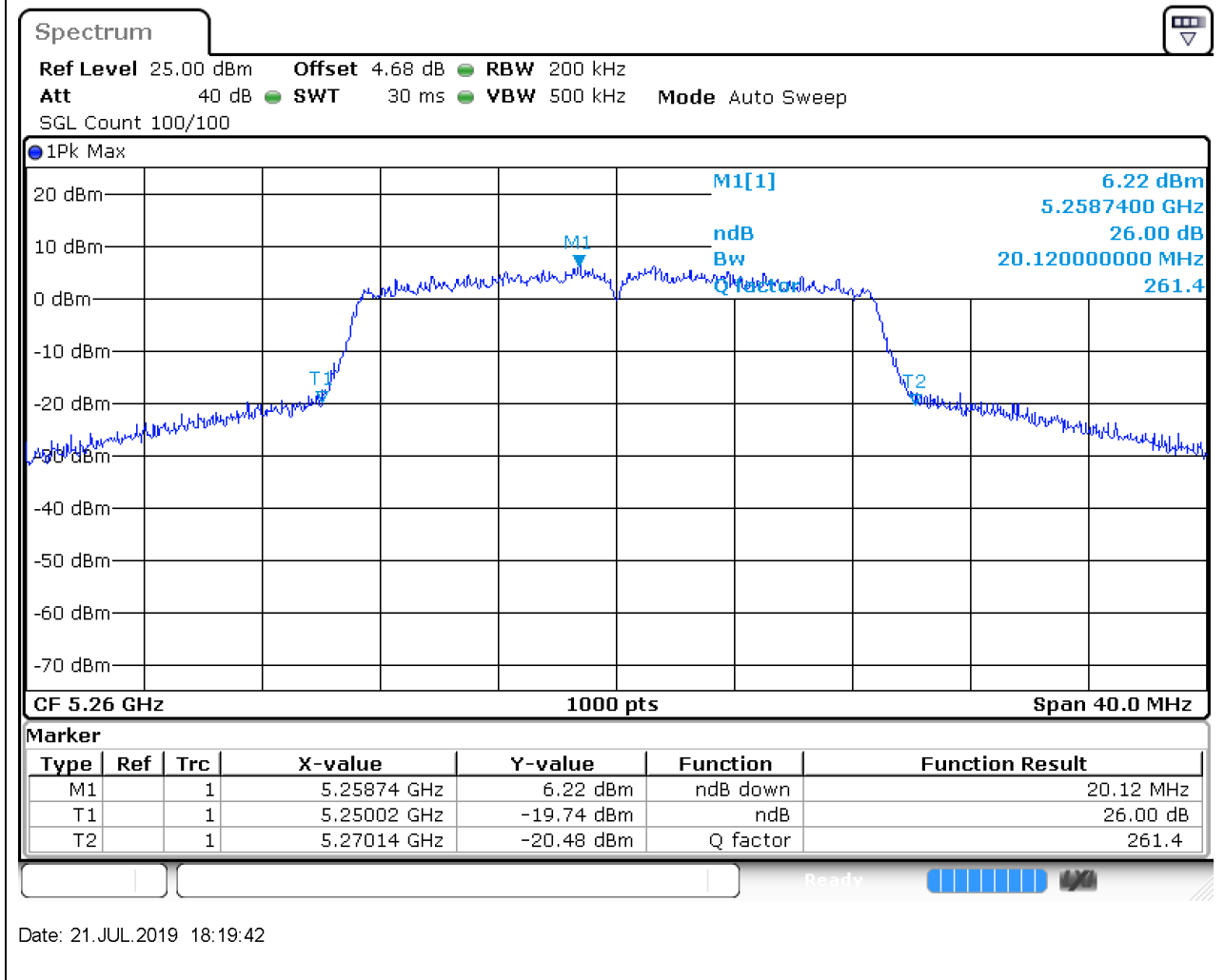
Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5320	26	0.2	Peak	26	19.76	Pass



## 12. 802.11n\_20M\_Band2\_L

### 12.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5260	26	0.2	Peak	26	20.12	Pass

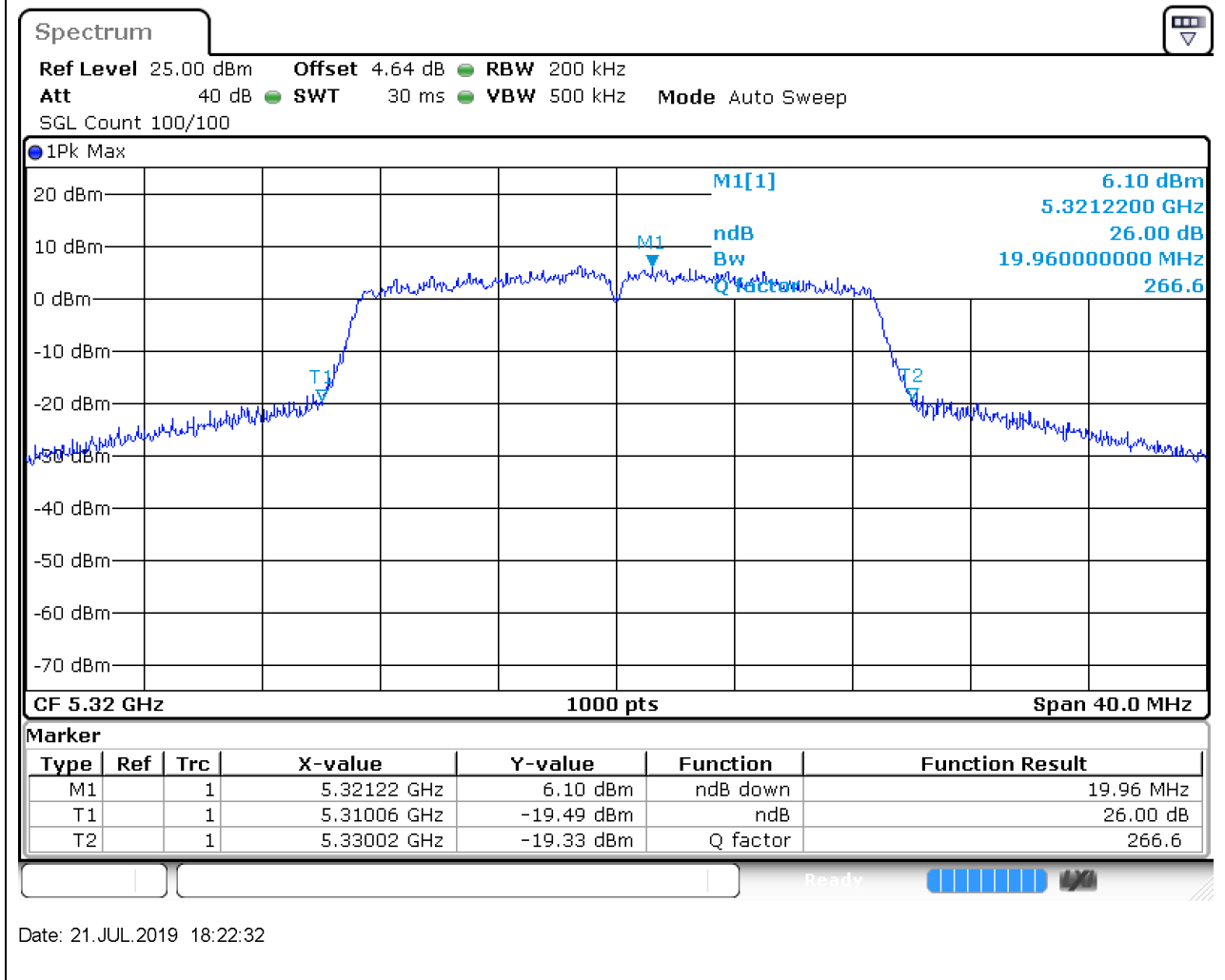




## 14. 802.11n\_20M\_Band2\_H

### 14.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5320	26	0.2	Peak	26	19.96	Pass



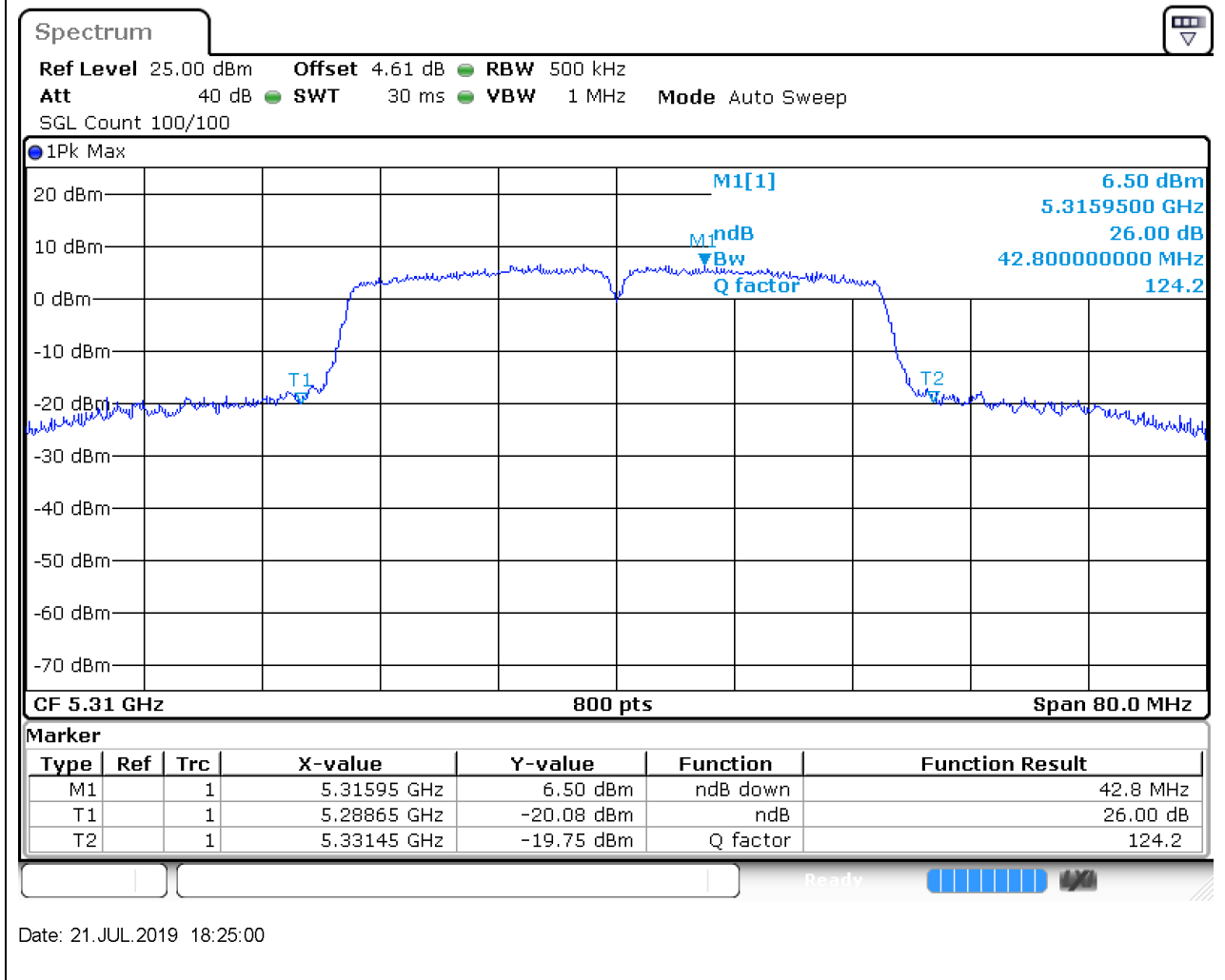




## 16. 802.11n\_40M\_Band2\_H

### 16.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5310	26	0.5	Peak	46	42.8	Pass

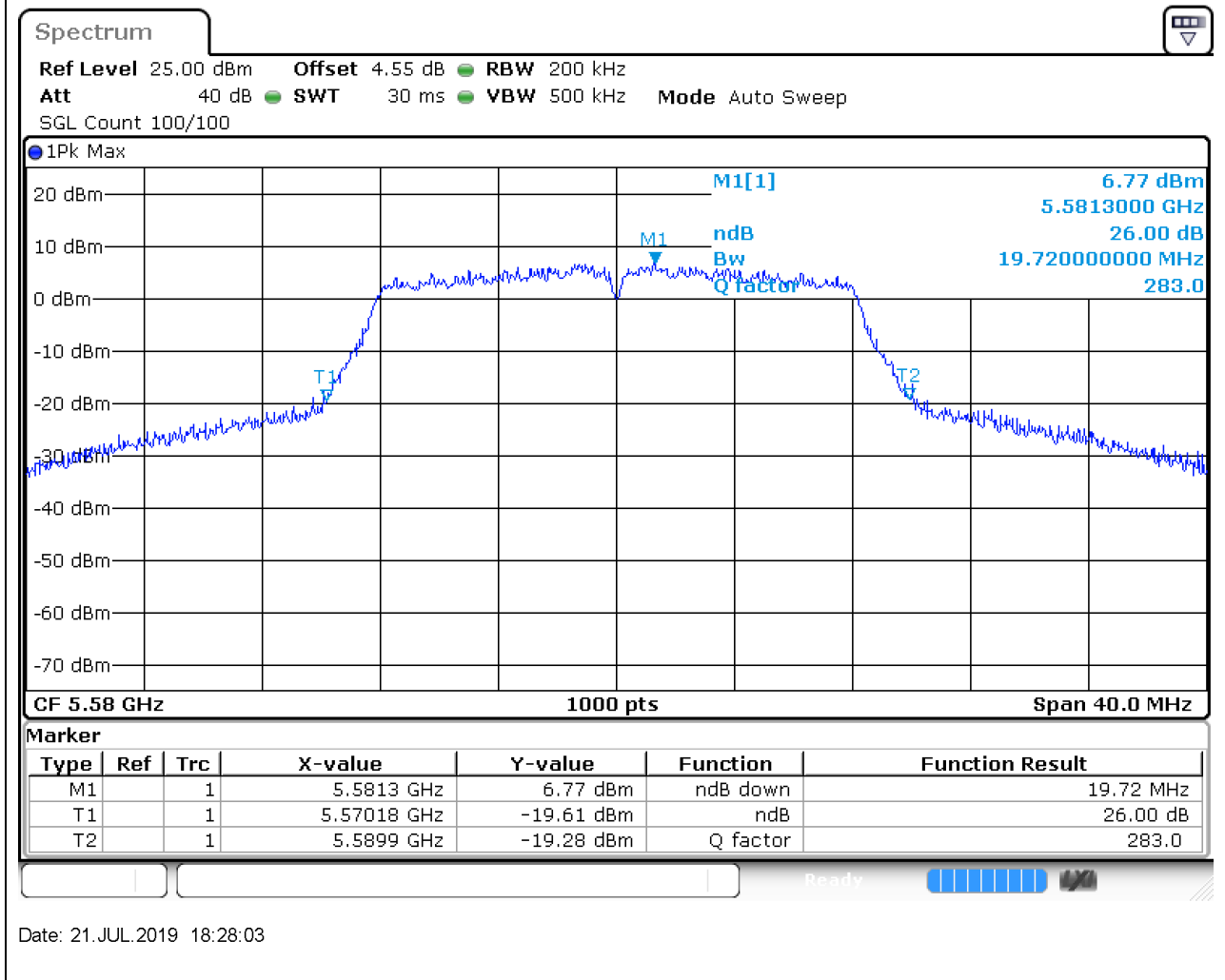




## 18. 802.11a\_20M\_Band3\_M

### 18.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5580	26	0.2	Peak	26	19.72	Pass

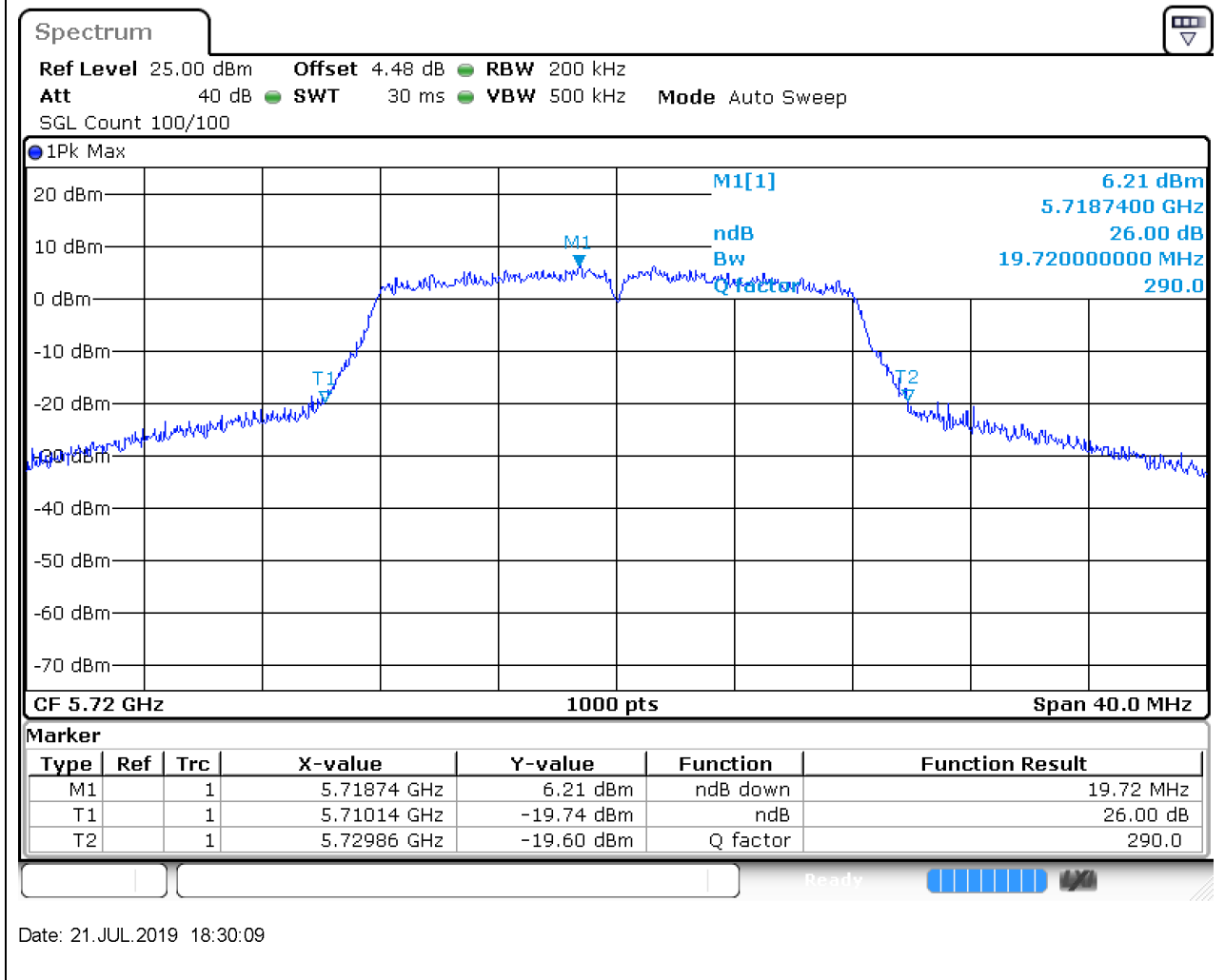




## 20. 802.11a\_20M\_Band3\_CH144

### 20.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5720	26	0.2	Peak	26	19.72	Pass



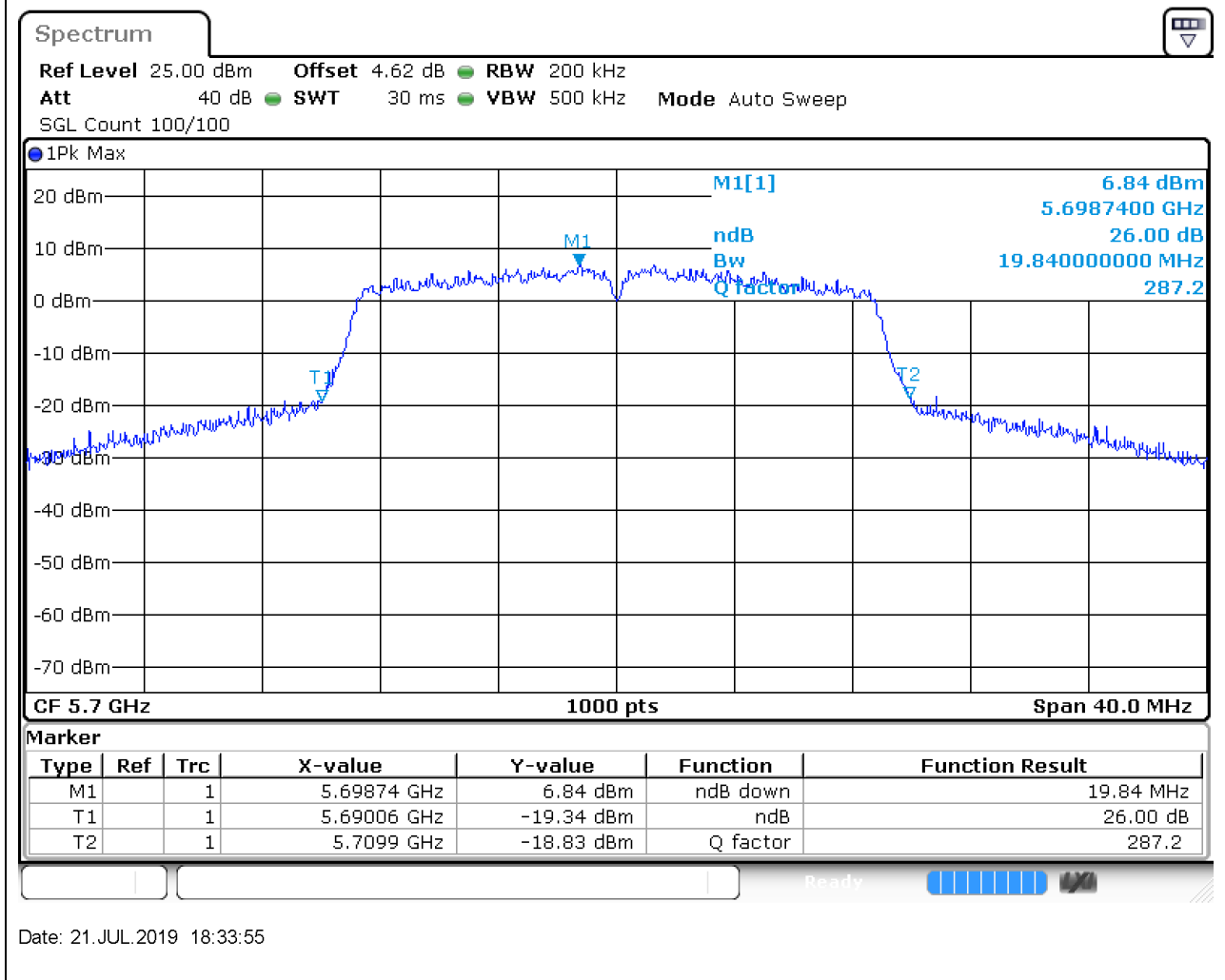




## 23. 802.11n\_20M\_Band3\_H

### 23.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5700	26	0.2	Peak	26	19.84	Pass

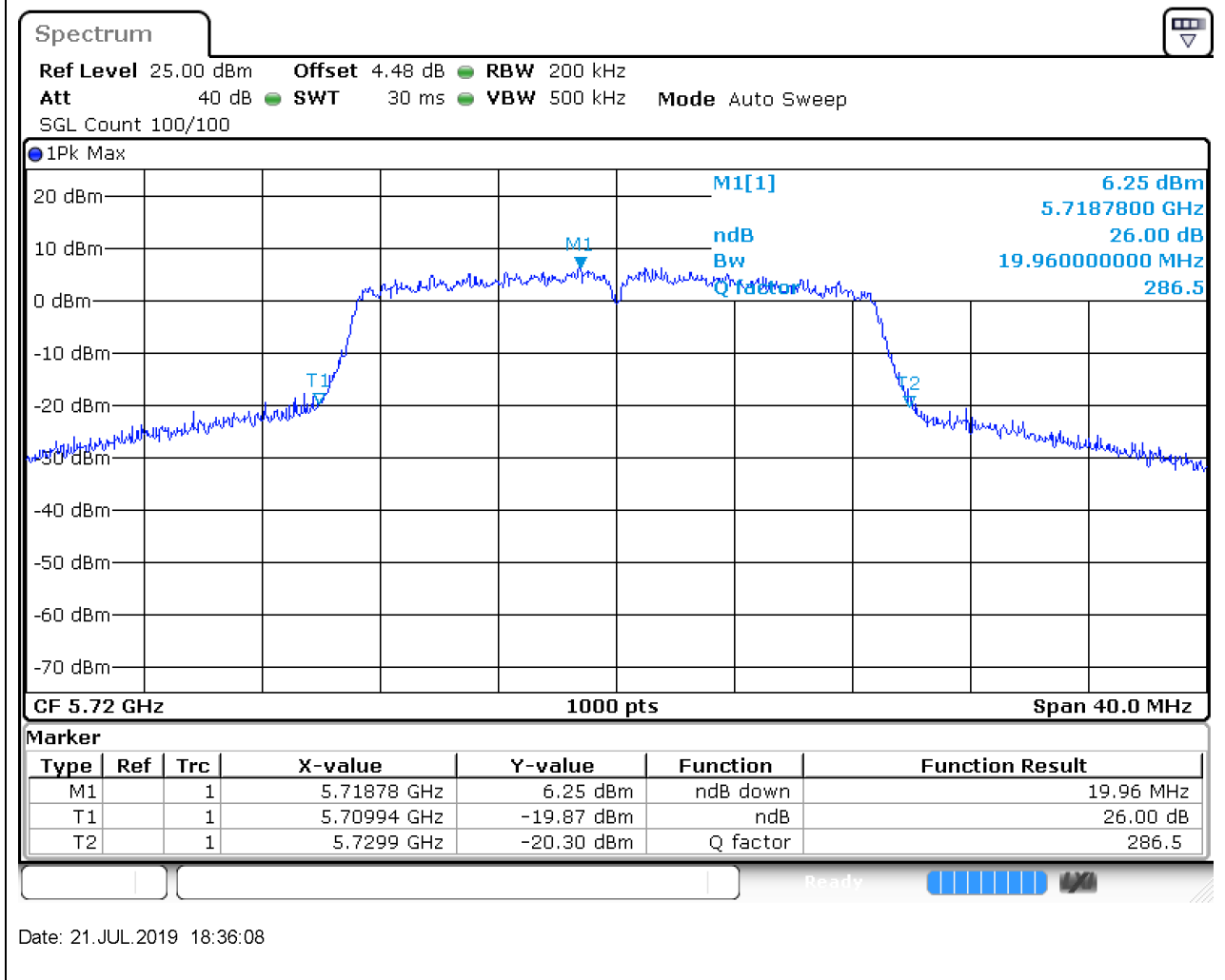




## 24. 802.11n\_20M\_Band3\_CH144

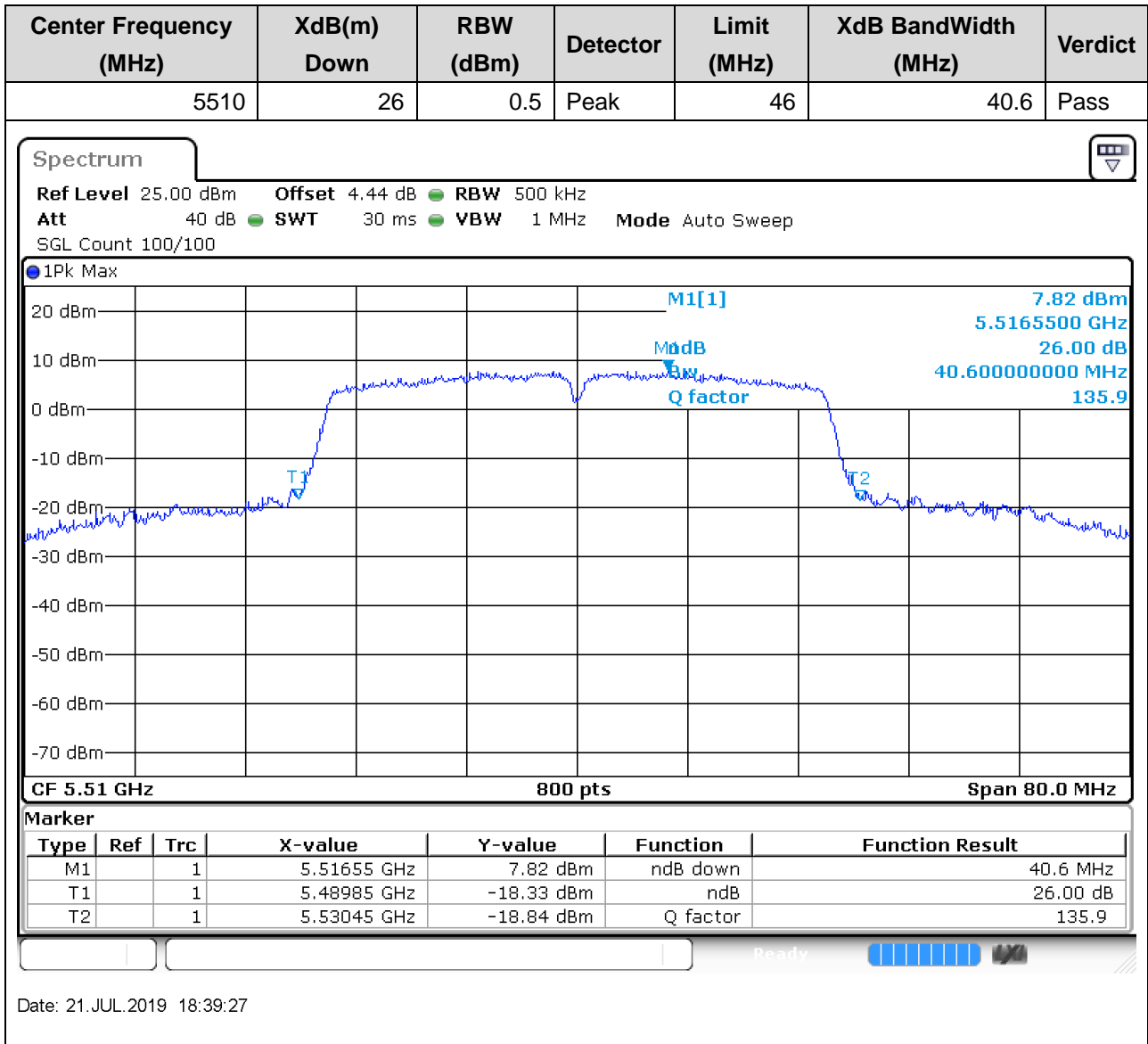
### 24.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5720	26	0.2	Peak	26	19.96	Pass



## 25. 802.11n\_40M\_Band3\_L

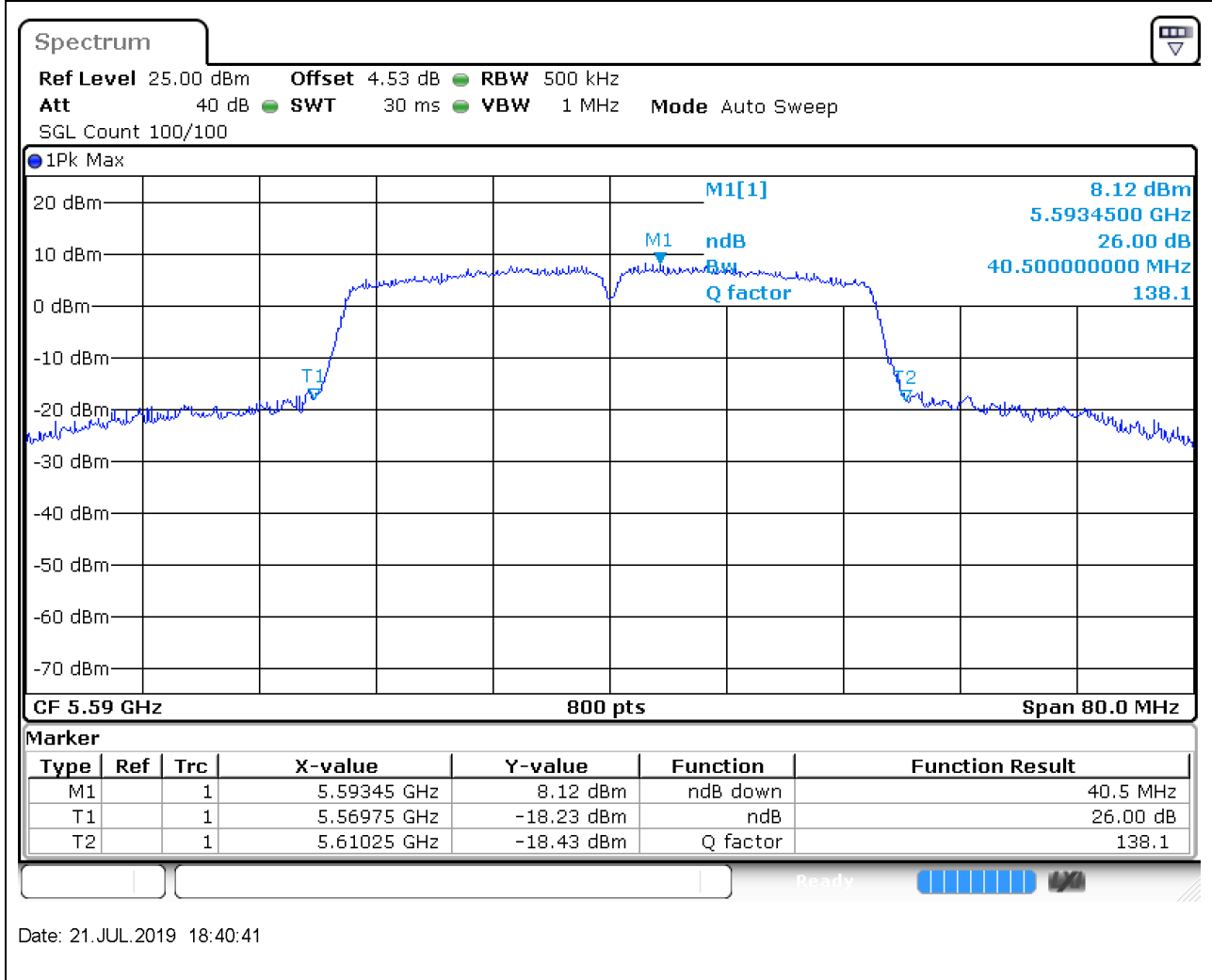
### 25.1. A.2-26dB Bandwidth(NTNV)



## 26. 802.11n\_40M\_Band3\_M

### 26.1. A.2-26dB Bandwidth(NTNV)

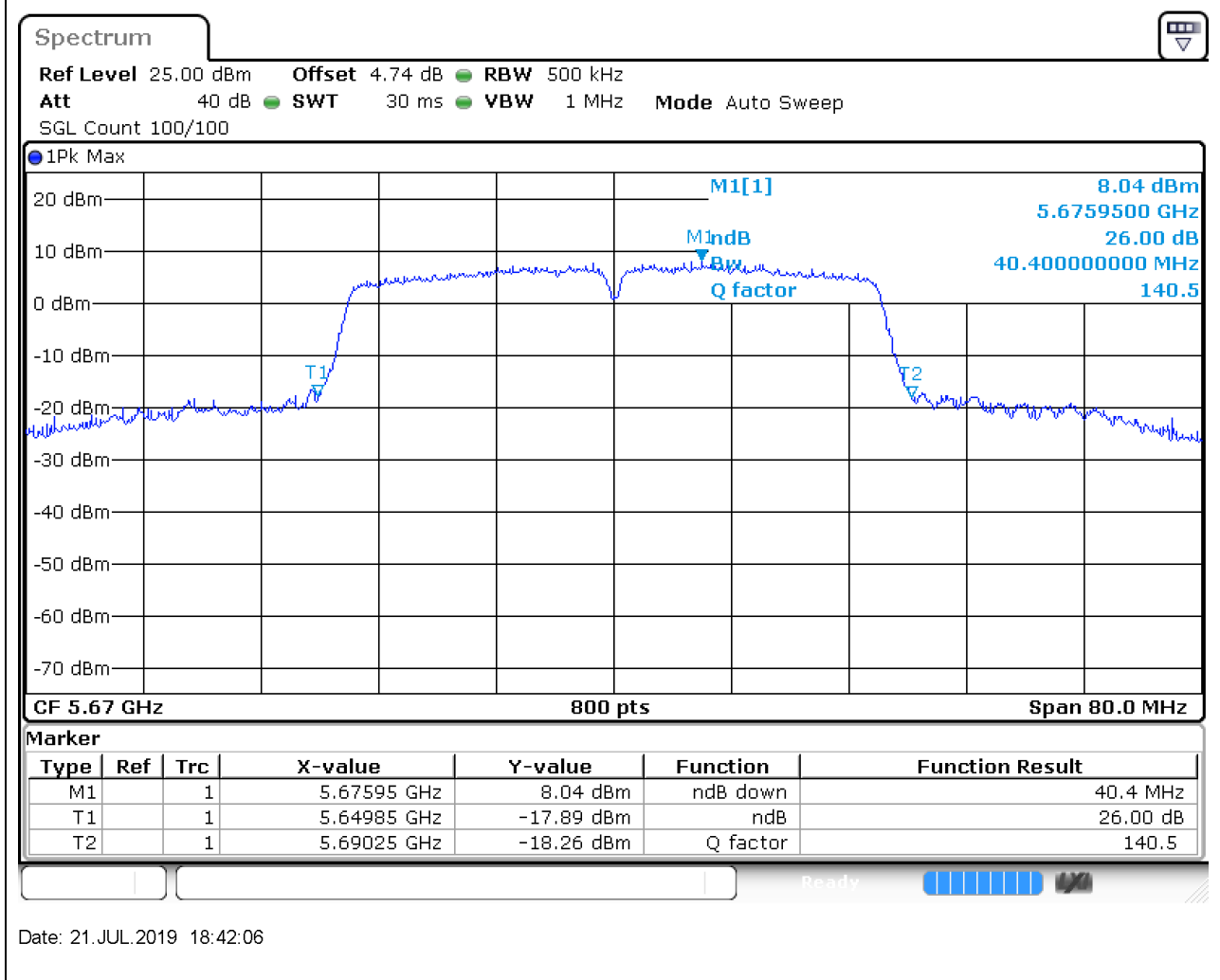
Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5590	26	0.5	Peak	46	40.5	Pass



## 27. 802.11n\_40M\_Band3\_H

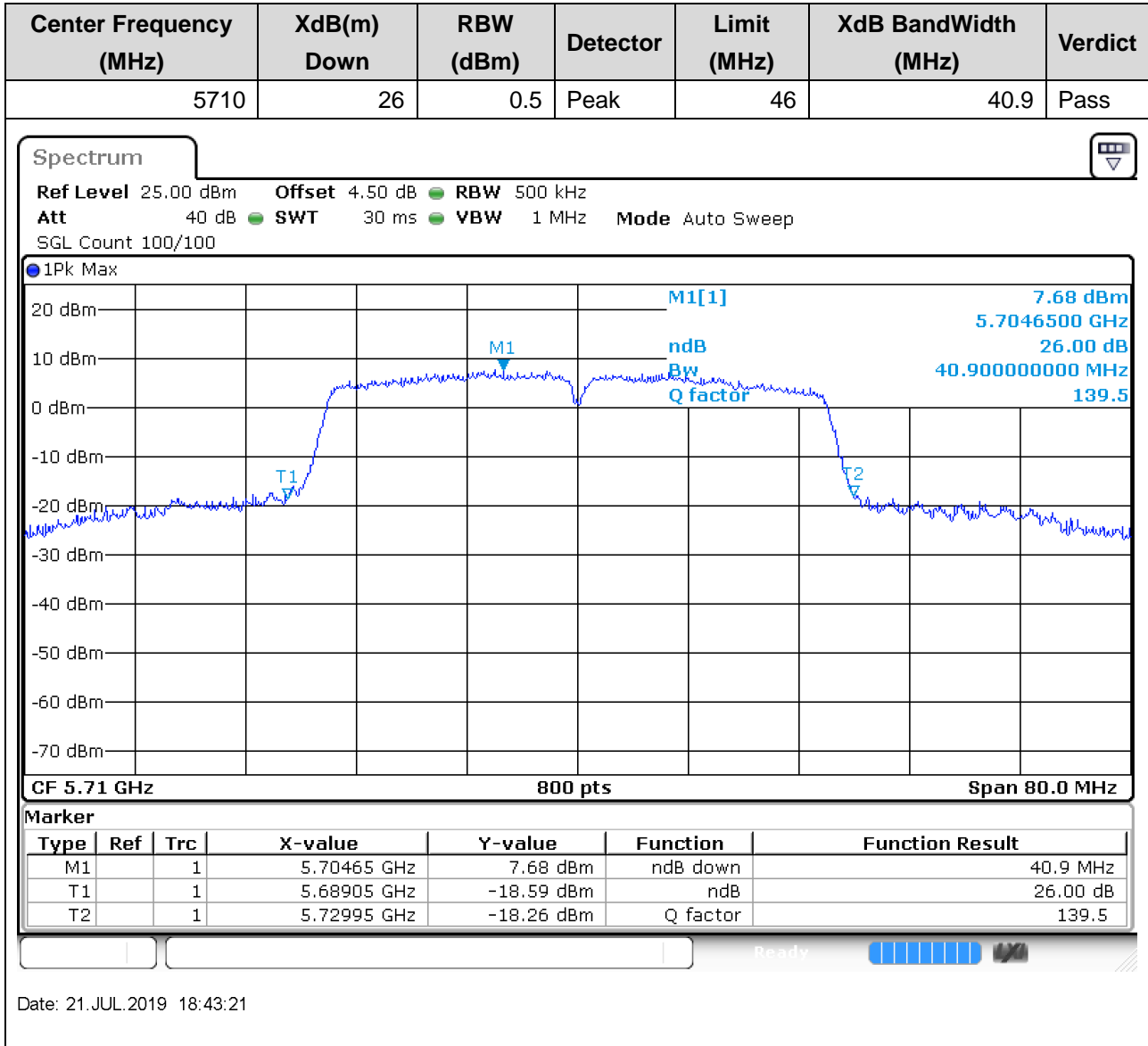
### 27.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5670	26	0.5	Peak	46	40.4	Pass



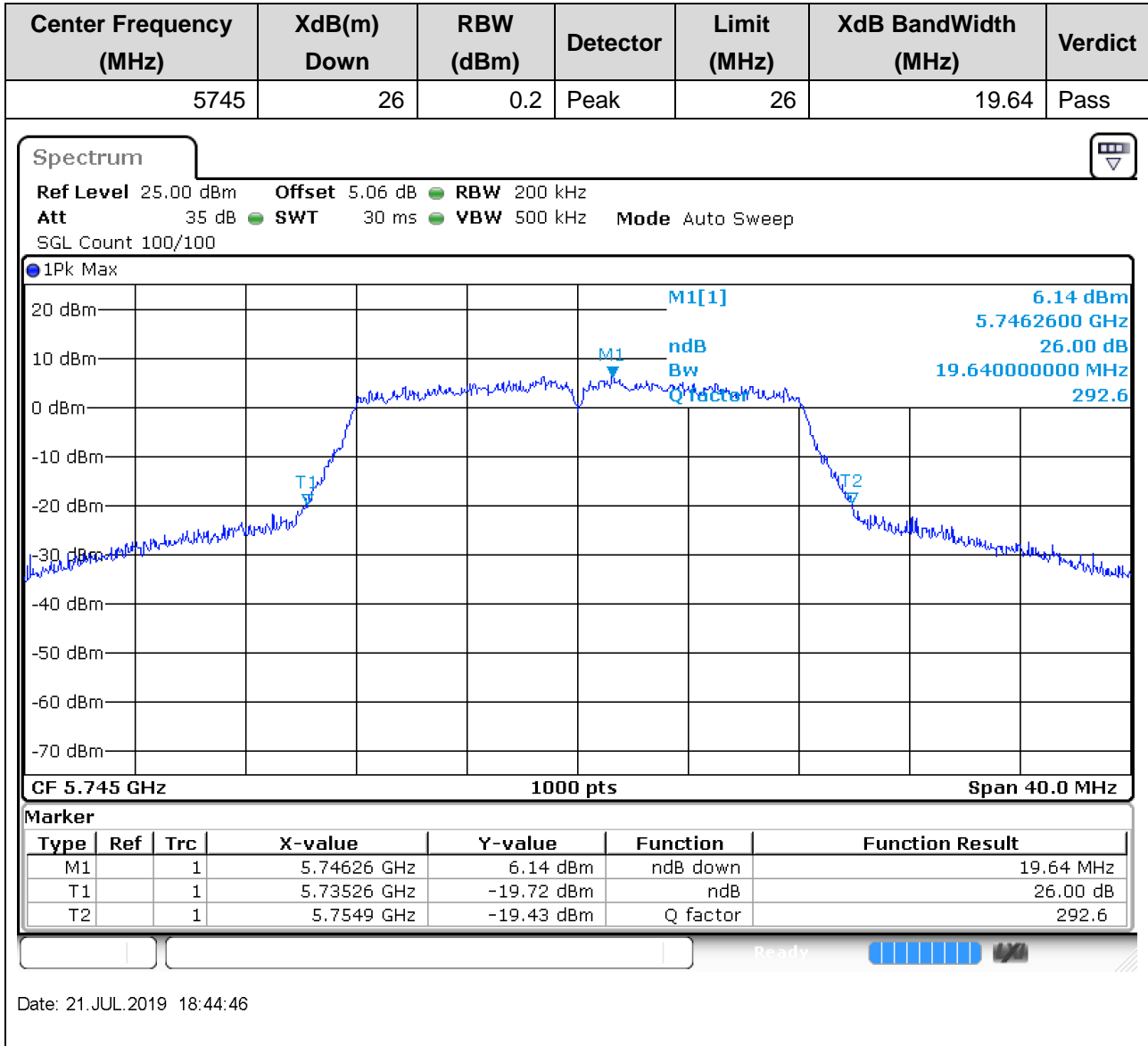
## 28. 802.11n\_40M\_Band3\_142

### 28.1. A.2-26dB Bandwidth(NTNV)



## 29. 802.11a\_20M\_Band4\_L

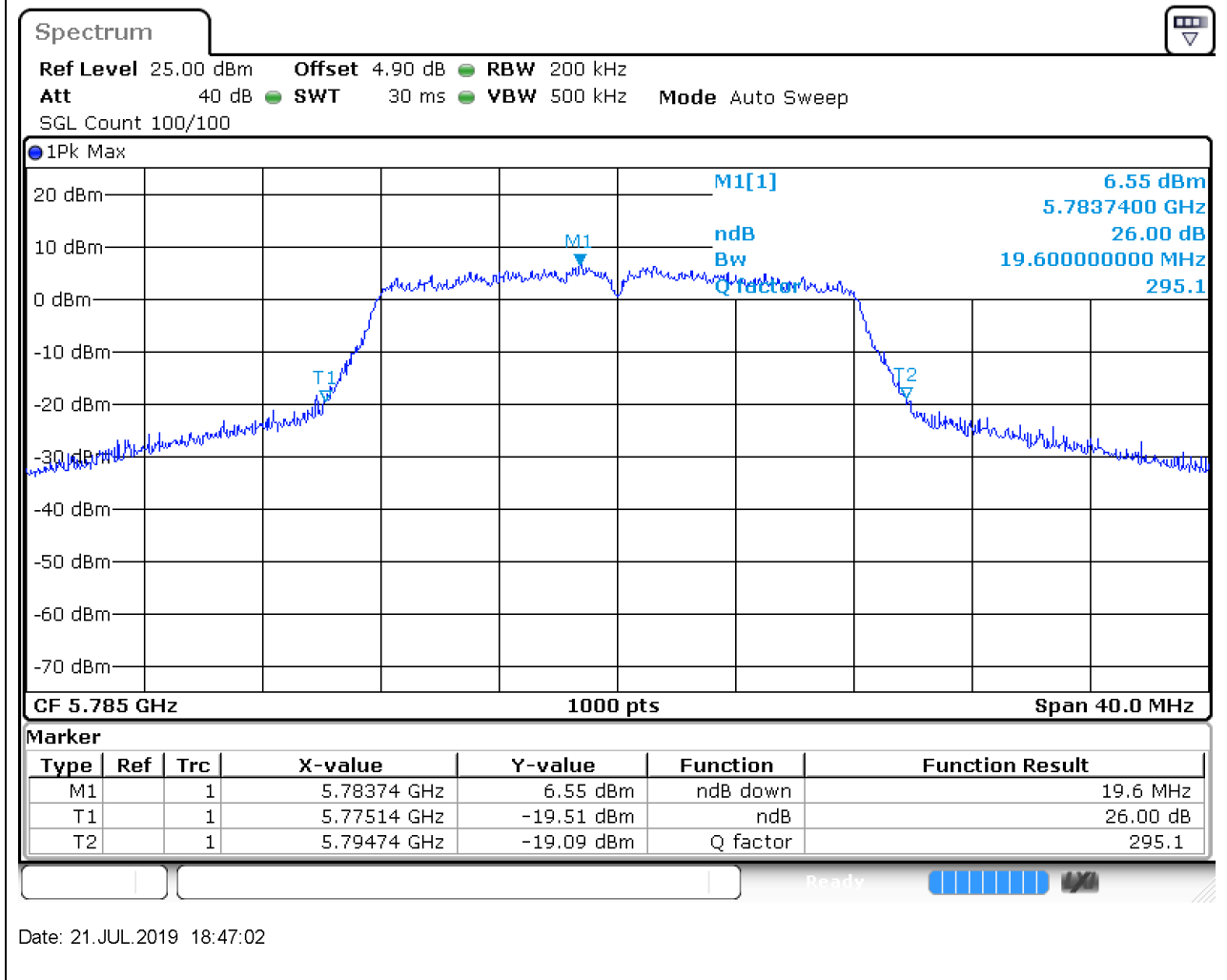
### 29.1. A.2-26dB Bandwidth(NTNV)



### 30. 802.11a\_20M\_Band4\_M

#### 30.1. A.2-26dB Bandwidth(NTNV)

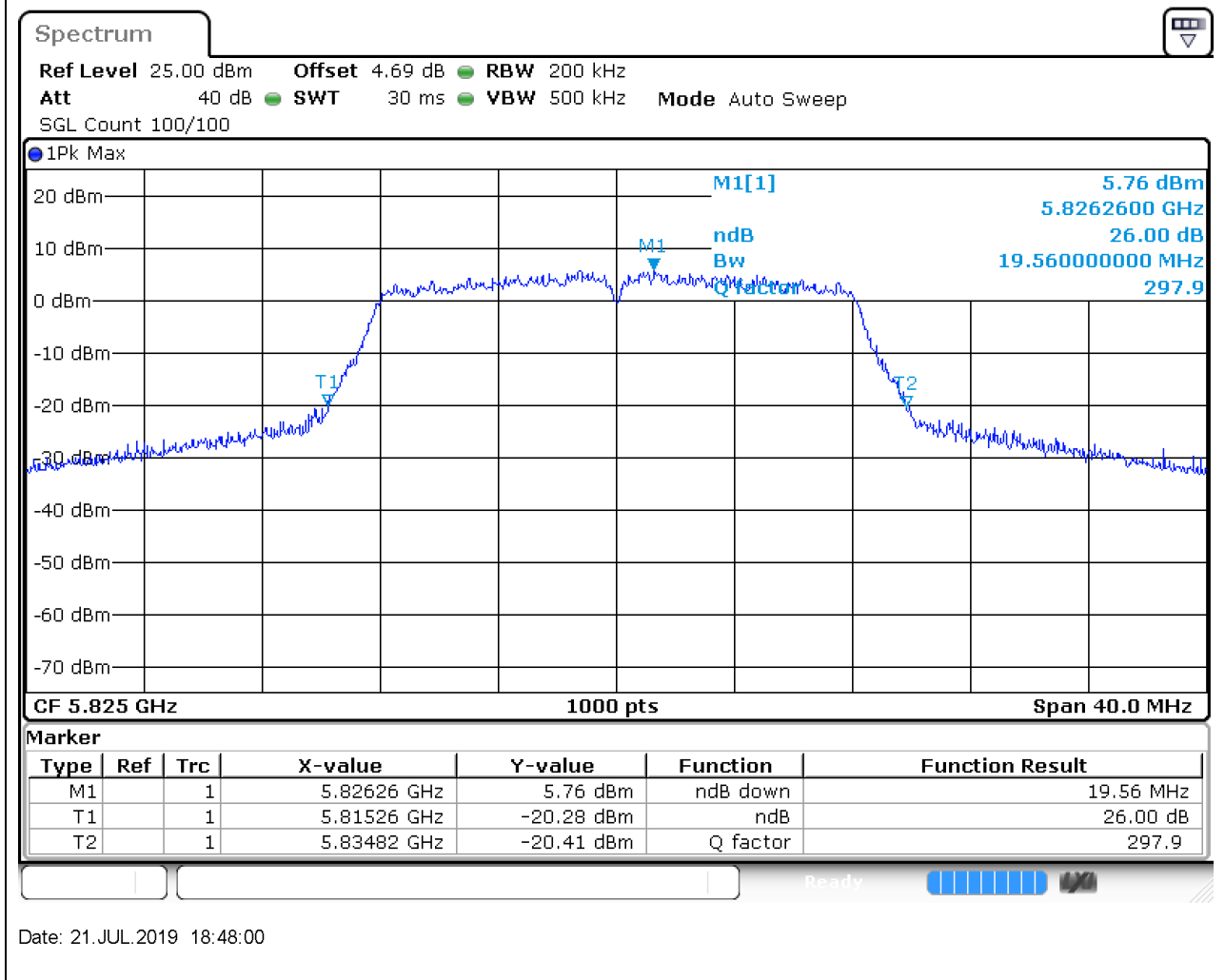
Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	26	0.2	Peak	26	19.6	Pass



## 31. 802.11a\_20M\_Band4\_H

### 31.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5825	26	0.2	Peak	26	19.56	Pass

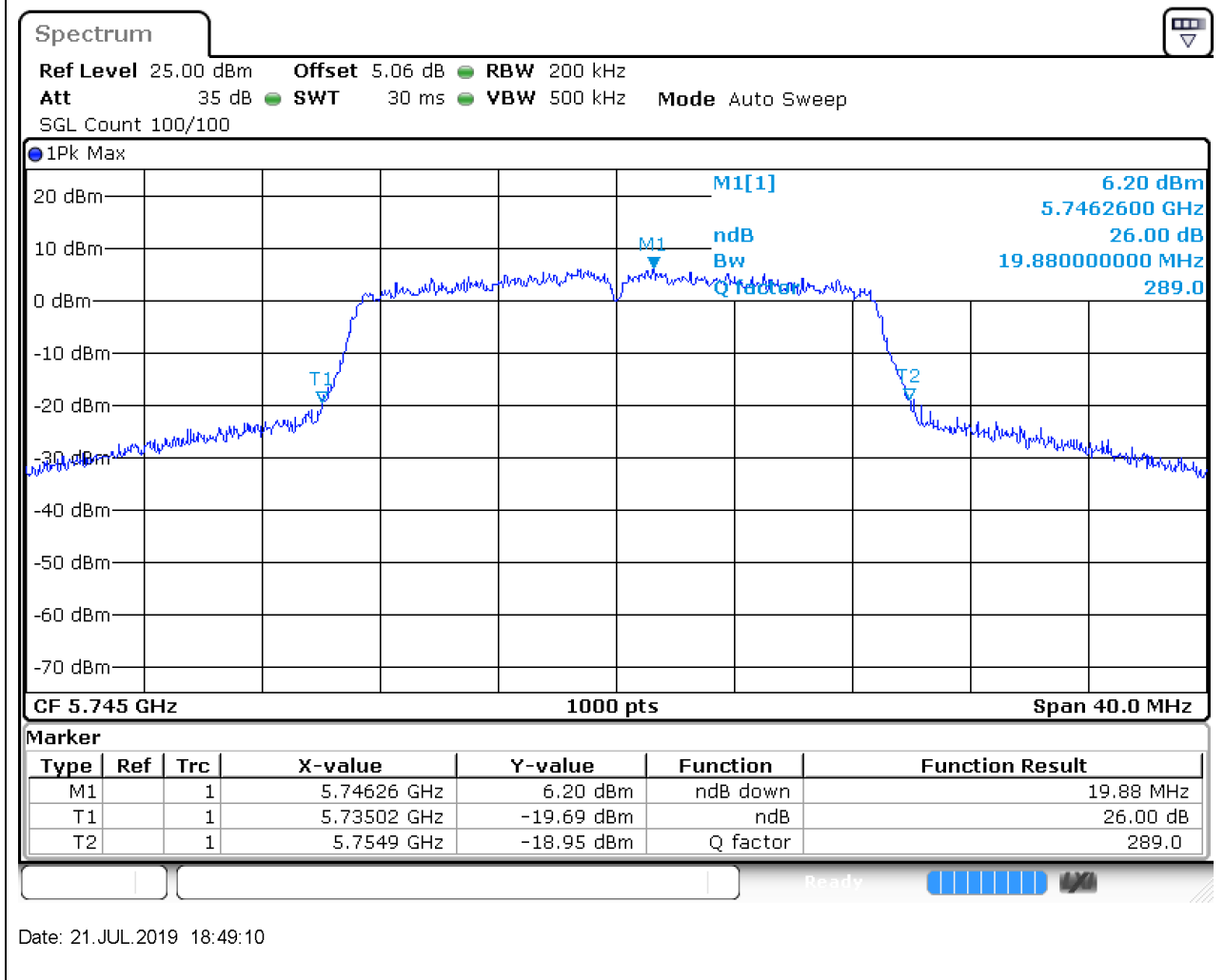




## 32. 802.11n\_20M\_Band4\_L

### 32.1. A.2-26dB Bandwidth(NTNV)

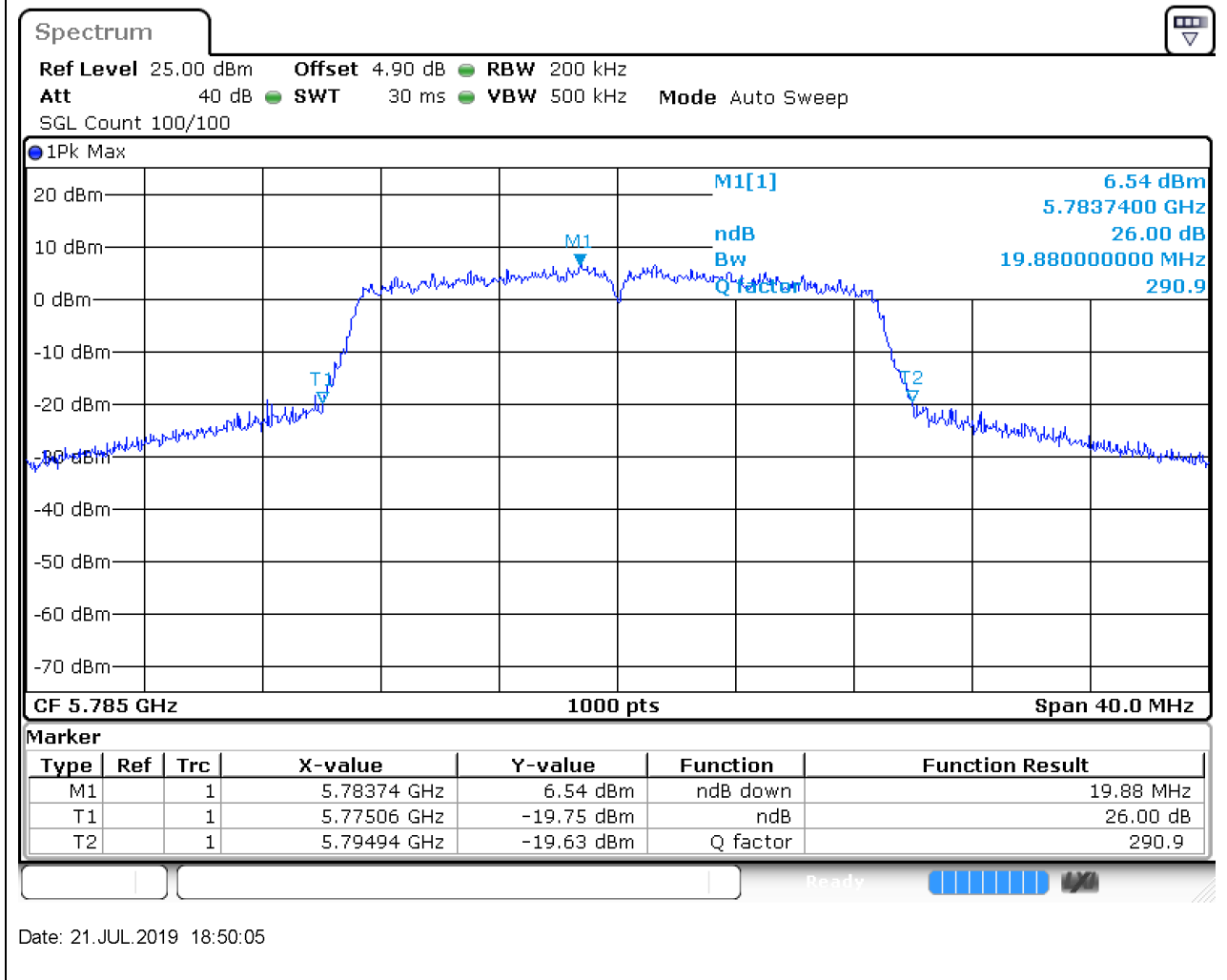
Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5745	26	0.2	Peak	26	19.88	Pass



### 33. 802.11n\_20M\_Band4\_M

#### 33.1. A.2-26dB Bandwidth(NTNV)

Center Frequency (MHz)	XdB(m) Down	RBW (dBm)	Detector	Limit (MHz)	XdB BandWidth (MHz)	Verdict
5785	26	0.2	Peak	26	19.88	Pass







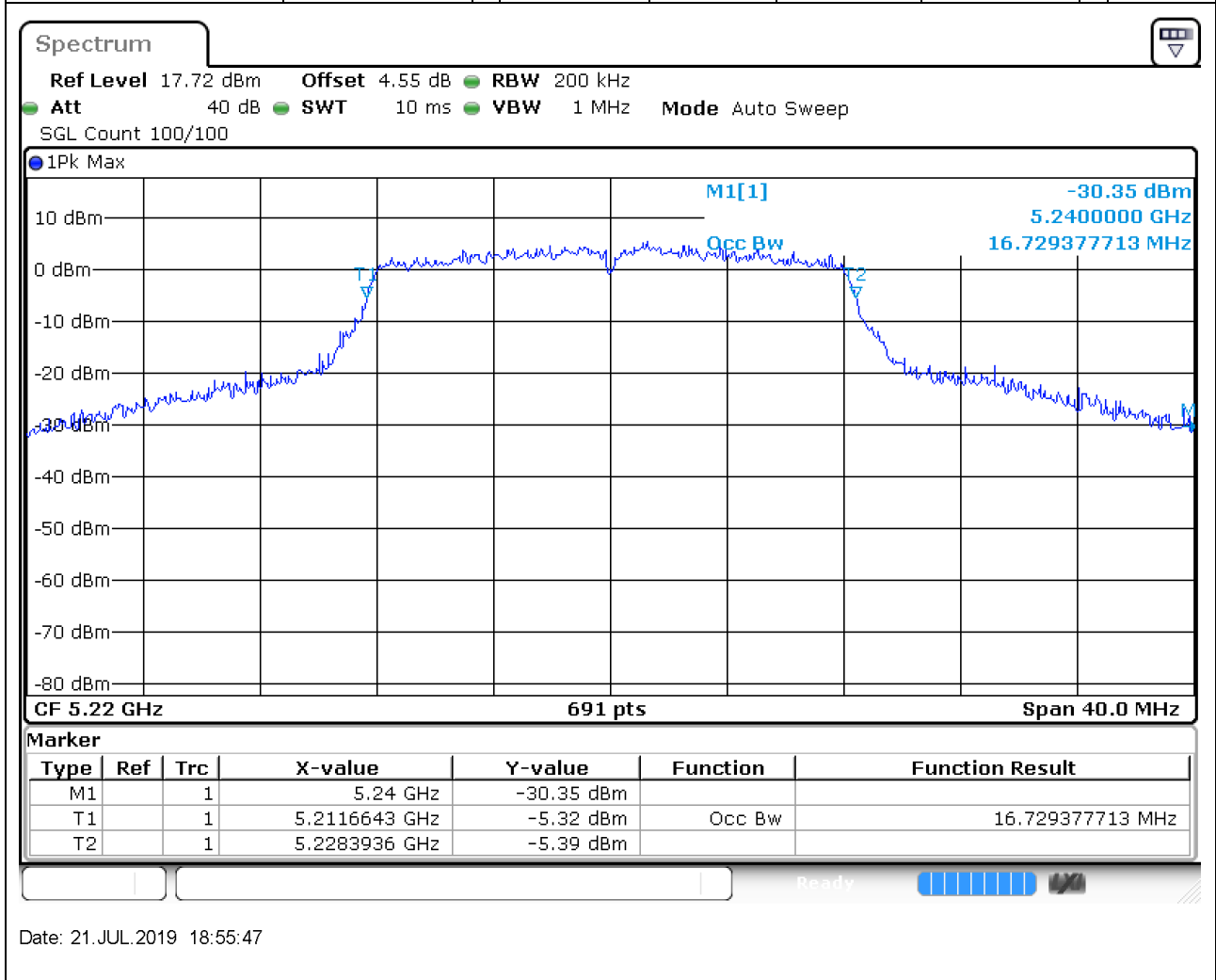




## 2. 802.11a\_20M\_Band1\_M

### 2.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5220	99	0.2	Peak	26	16.729378	Pass



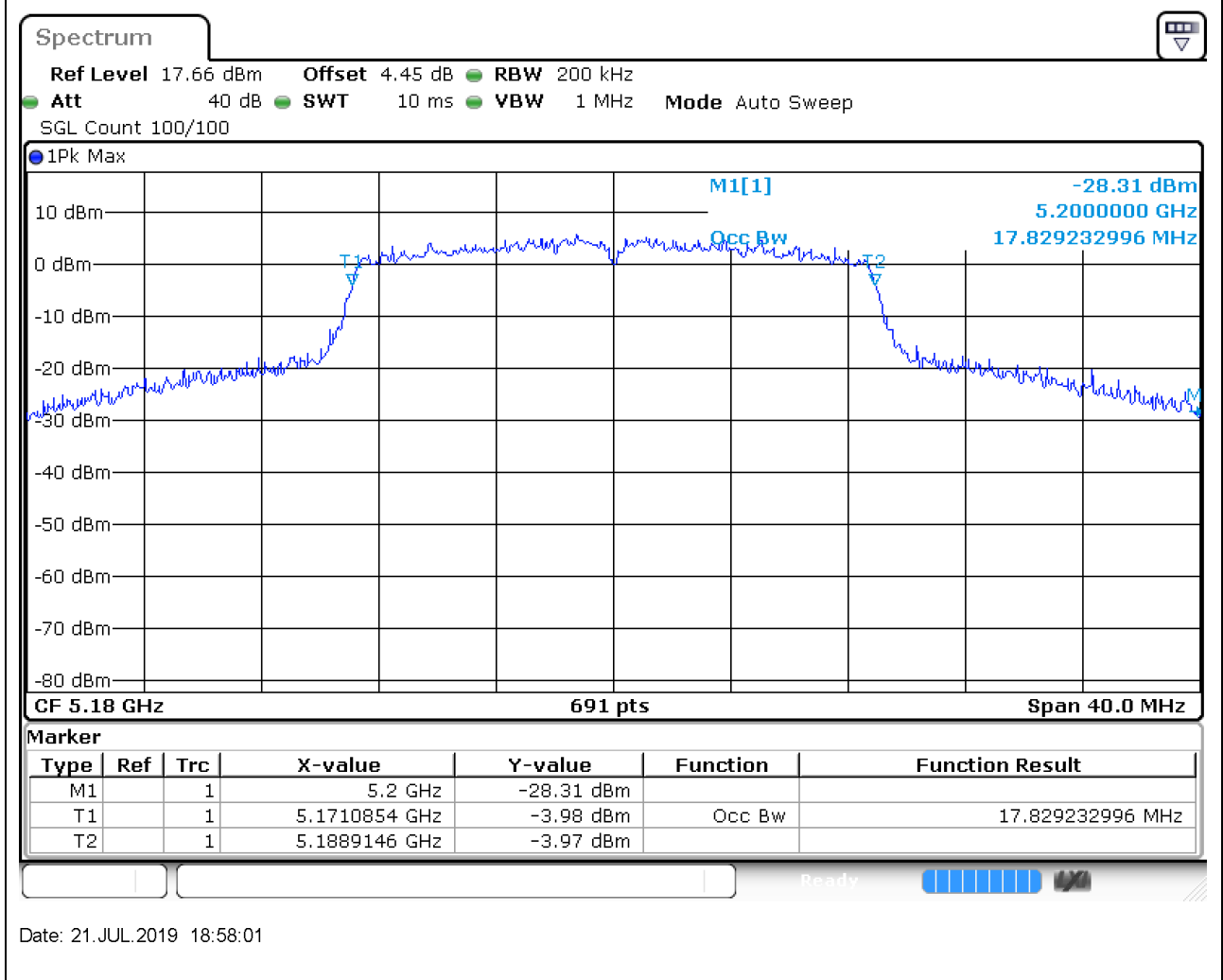




## 4. 802.11n\_20M\_Band1\_L

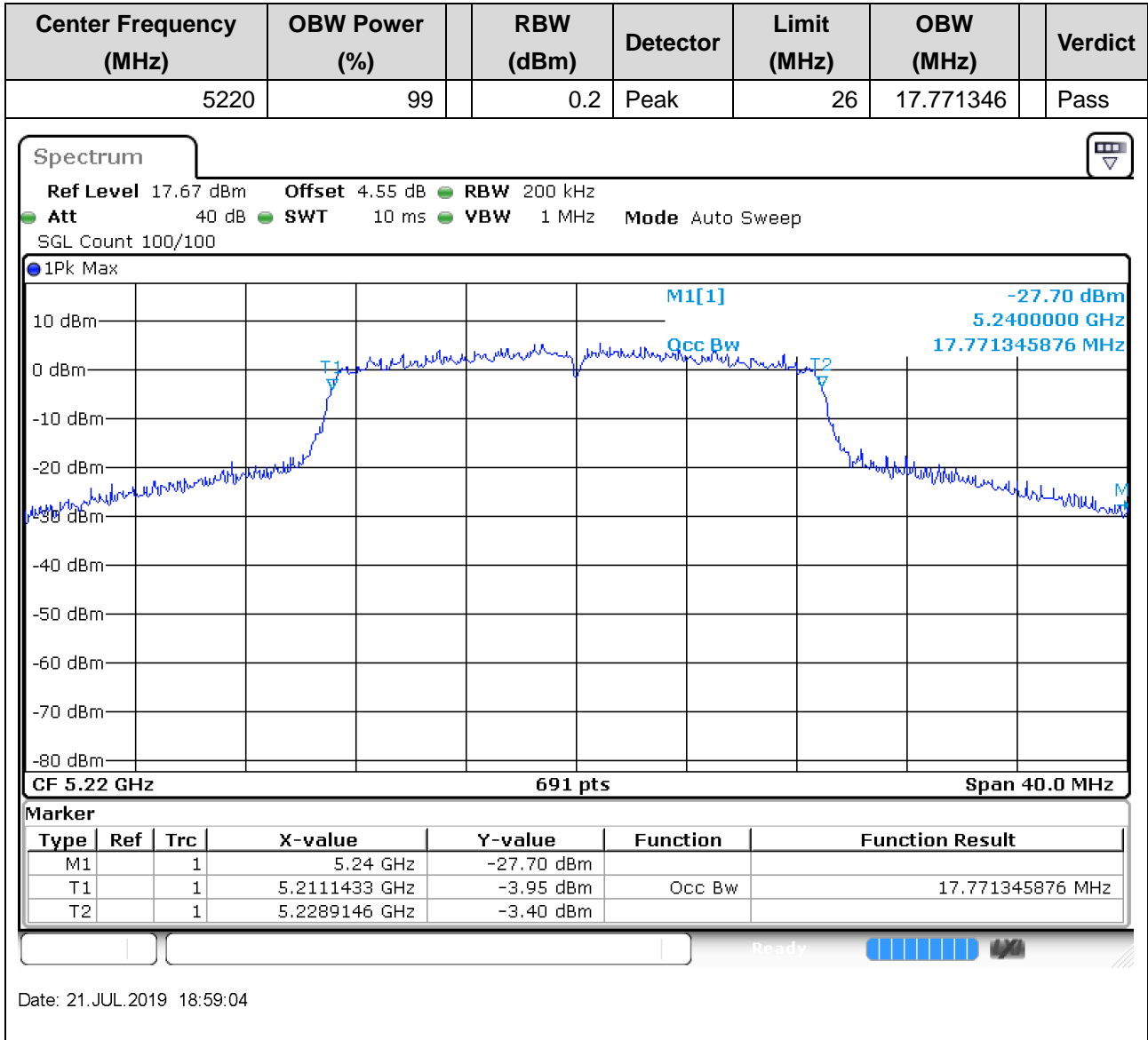
### 4.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5180	99	0.2	Peak	26	17.829233	Pass



## 5. 802.11n\_20M\_Band1\_M

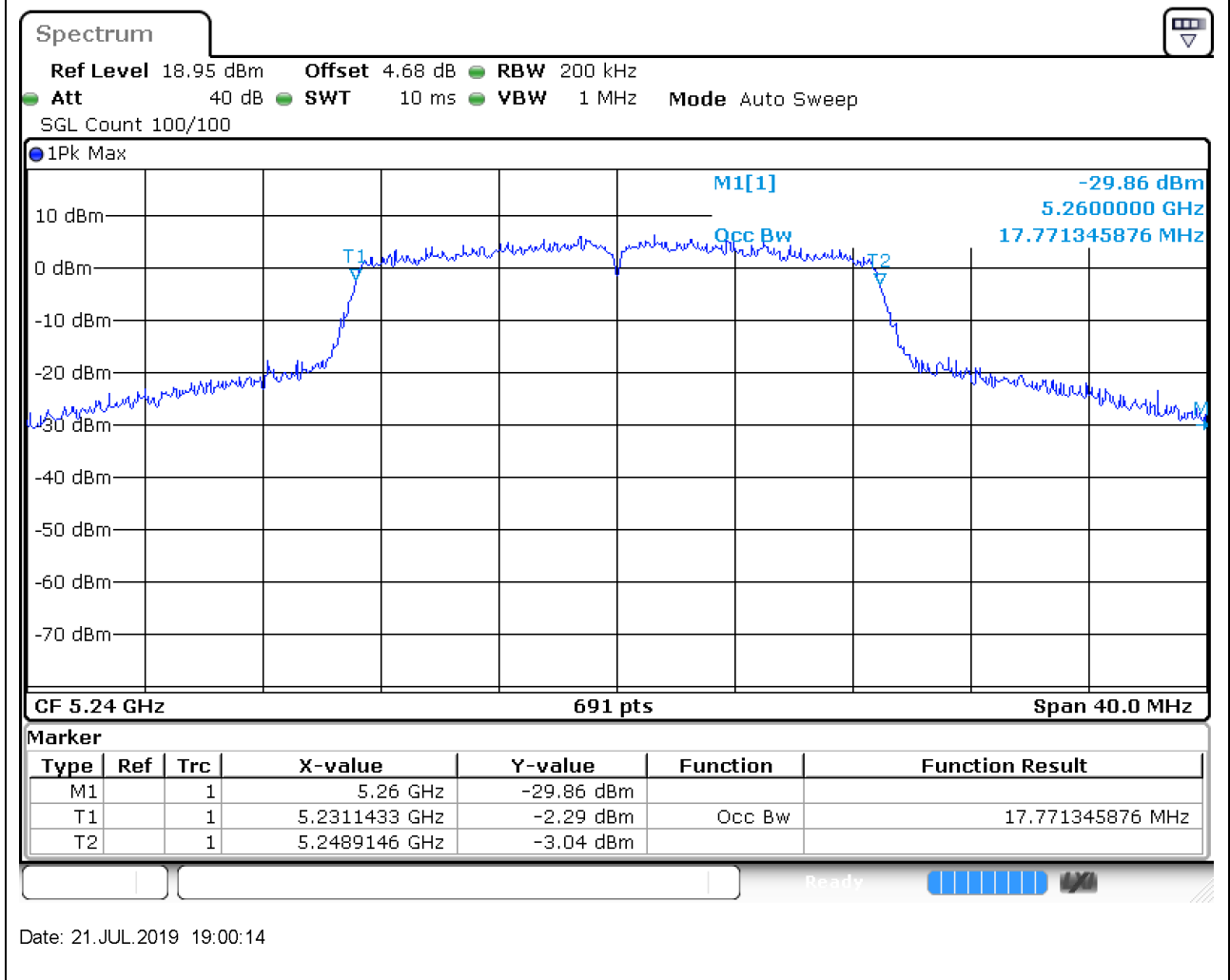
### 5.1. A.2.2-99% Bandwidth(NTNV)



## 6. 802.11n\_20M\_Band1\_H

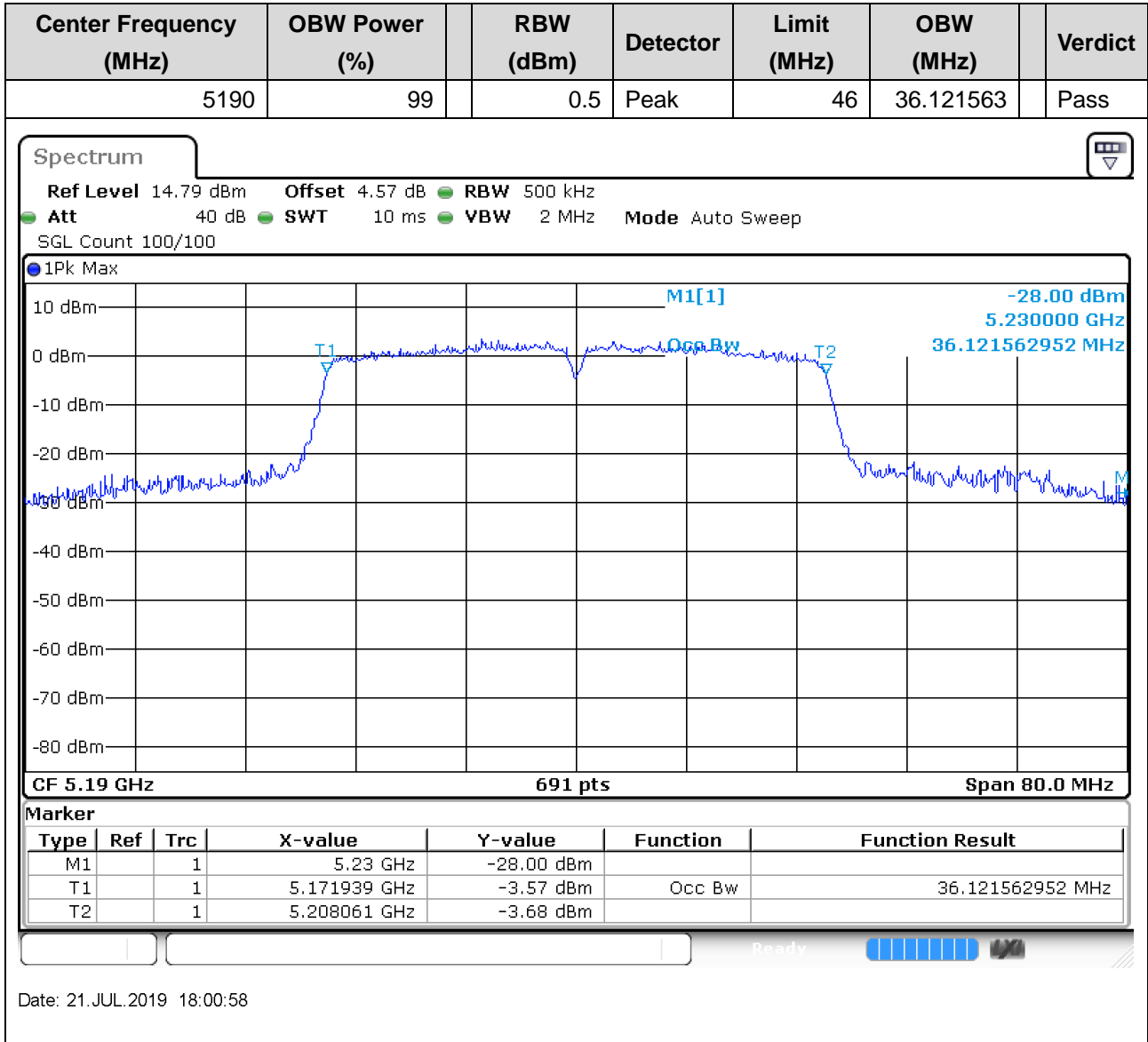
### 6.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5240	99	0.2	Peak	26	17.771346	Pass



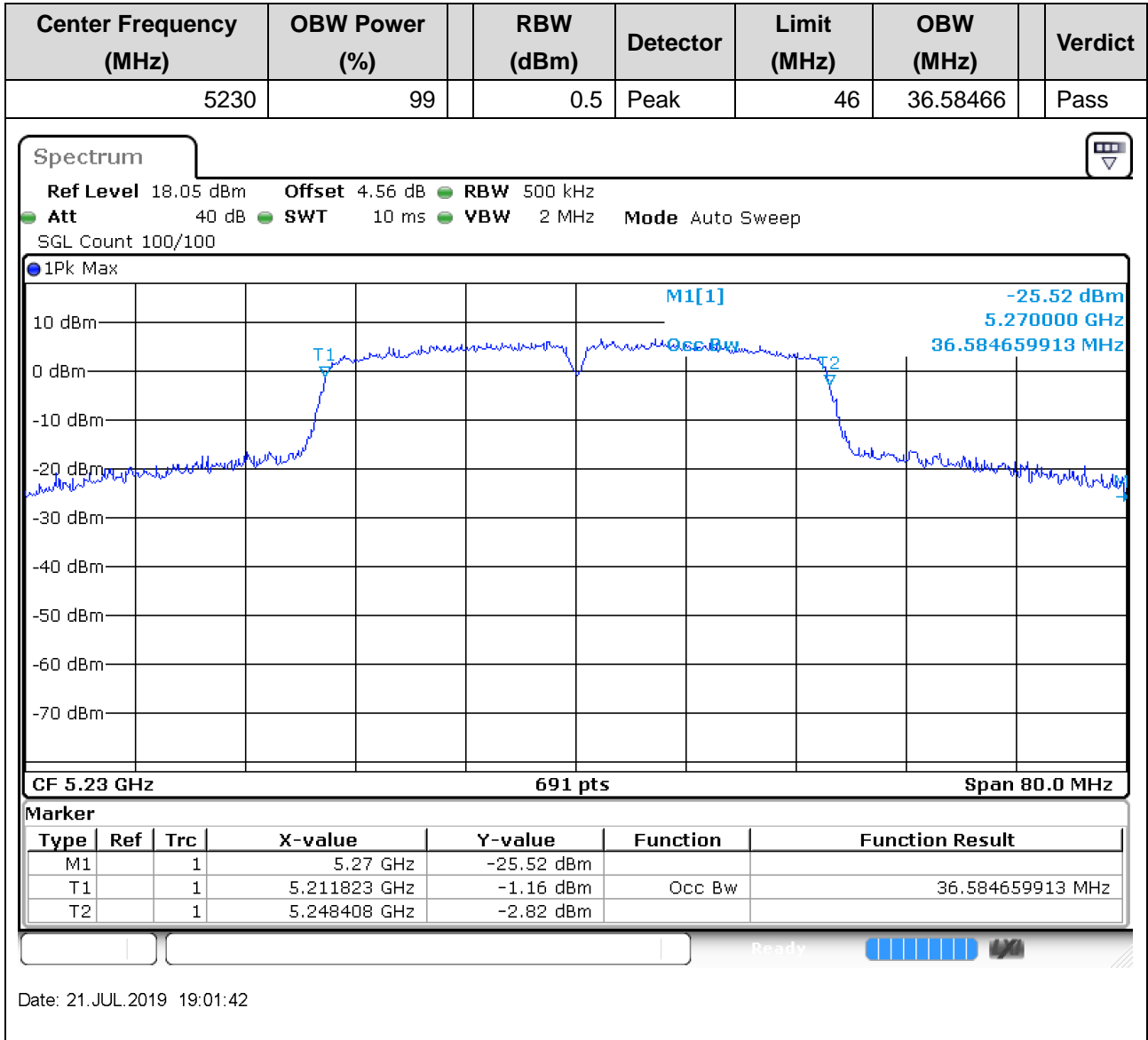
## 7. 802.11n\_40M\_Band1\_L

### 7.1. A.2.2-99% Bandwidth(NTNV)



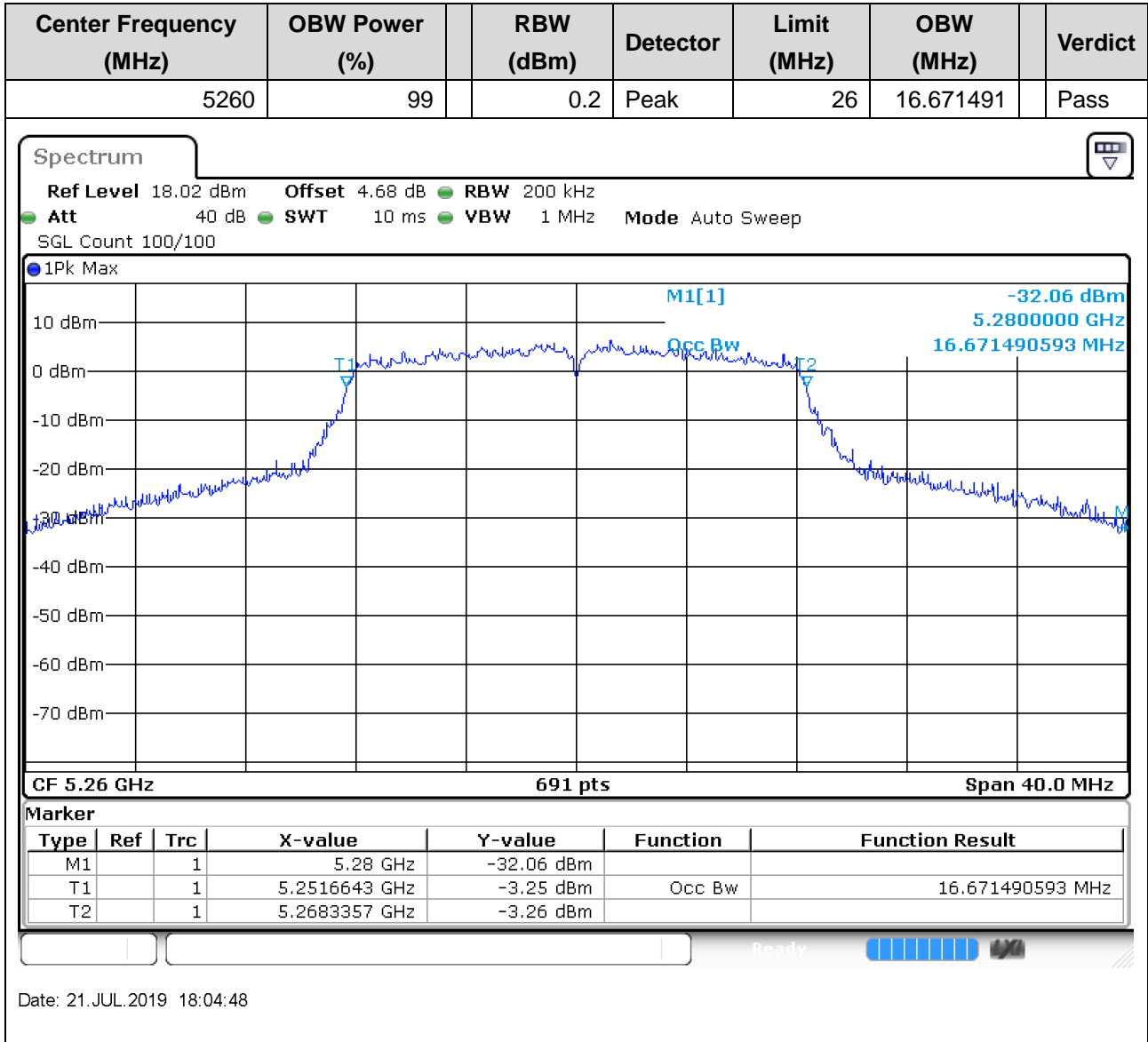
## 8. 802.11n\_40M\_Band1\_H

### 8.1. A.2.2-99% Bandwidth(NTNV)



## 9. 802.11a\_20M\_Band2\_L

### 9.1. A.2.2-99% Bandwidth(NTNV)

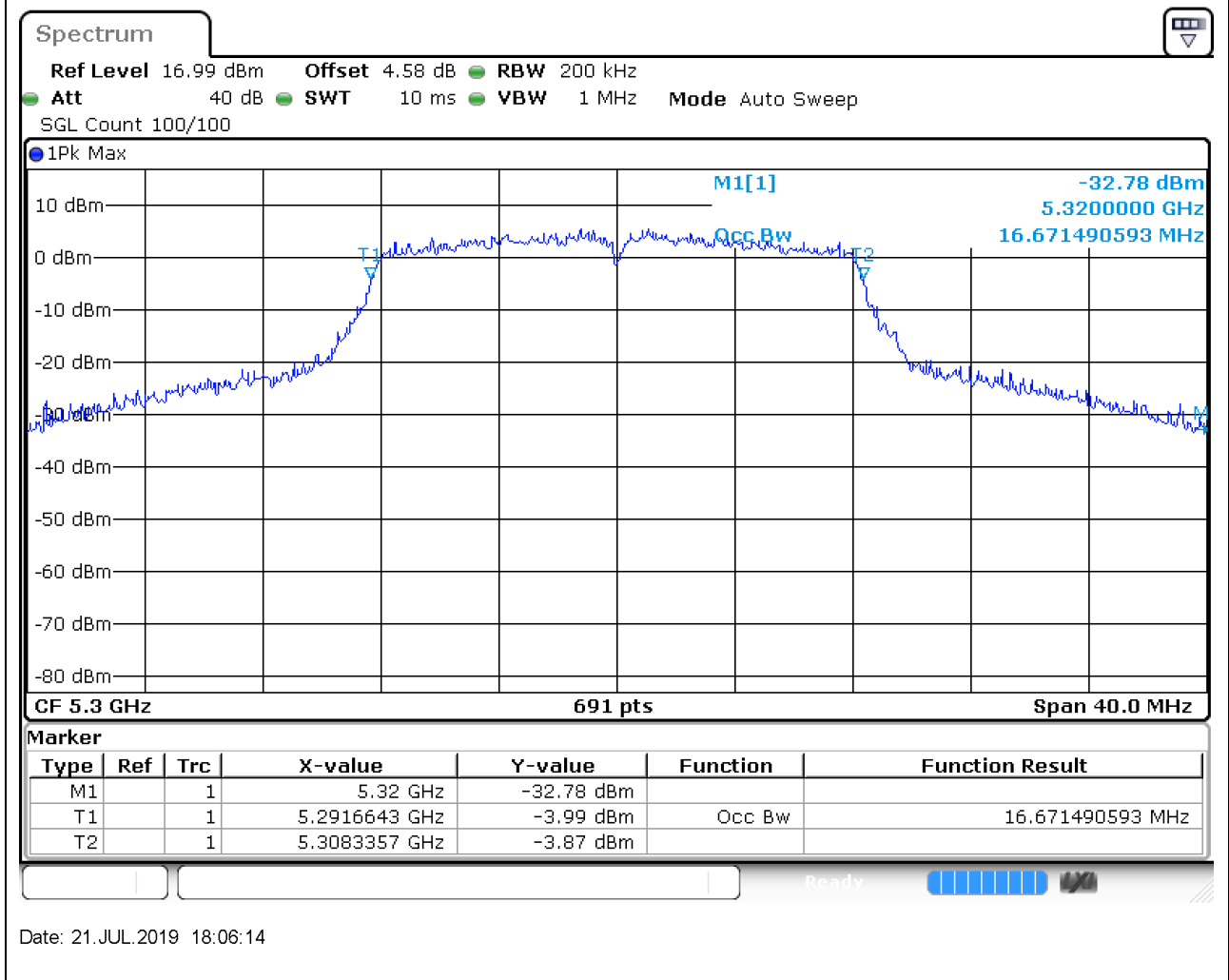


Date: 21.JUL.2019 18:04:48

## 10. 802.11a\_20M\_Band2\_M

### 10.1. A.2.2-99% Bandwidth(NTNV)

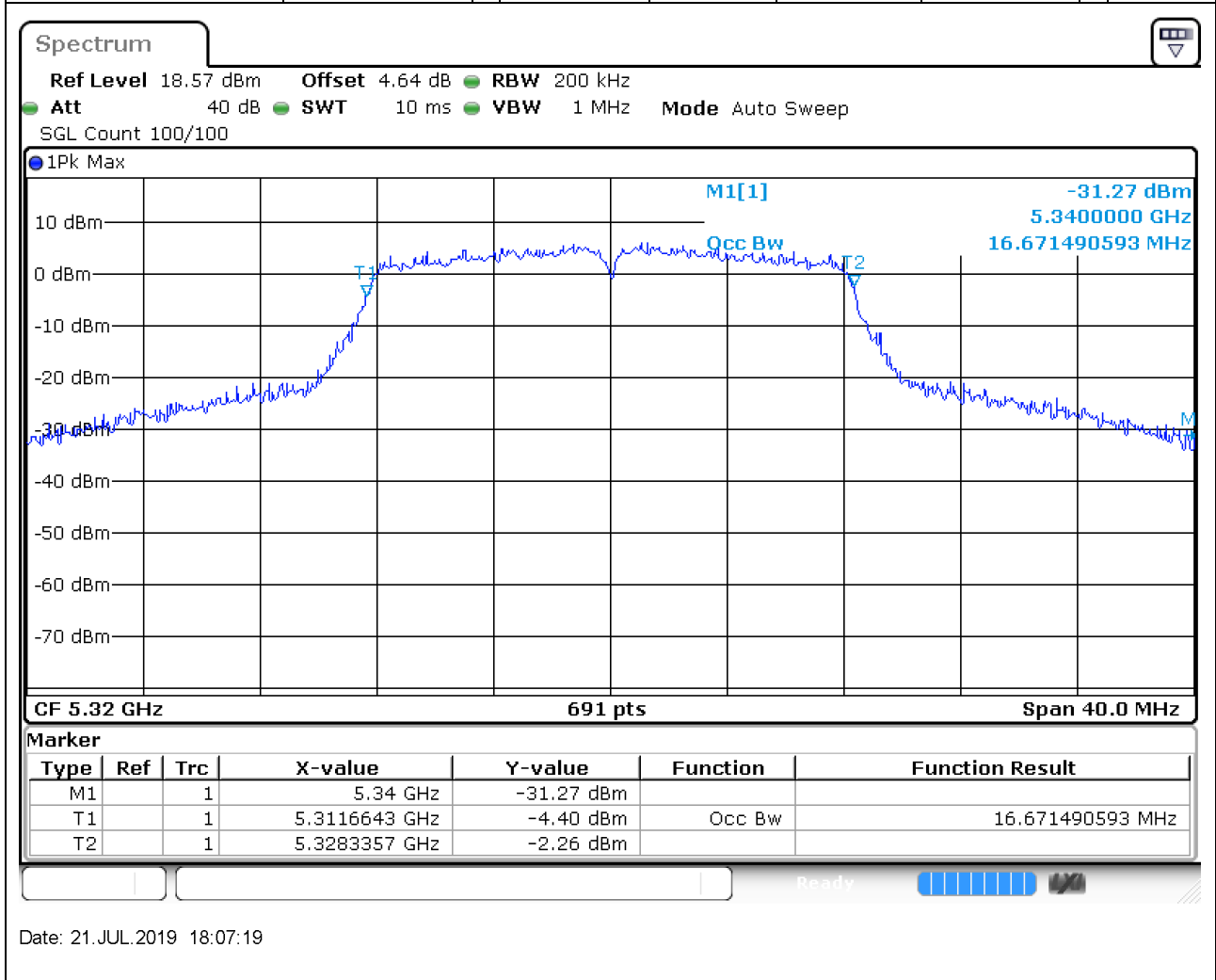
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5300	99	0.2	Peak	26	16.671491	Pass



# 11. 802.11a\_20M\_Band2\_H

## 11.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5320	99	0.2	Peak	26	16.671491	Pass

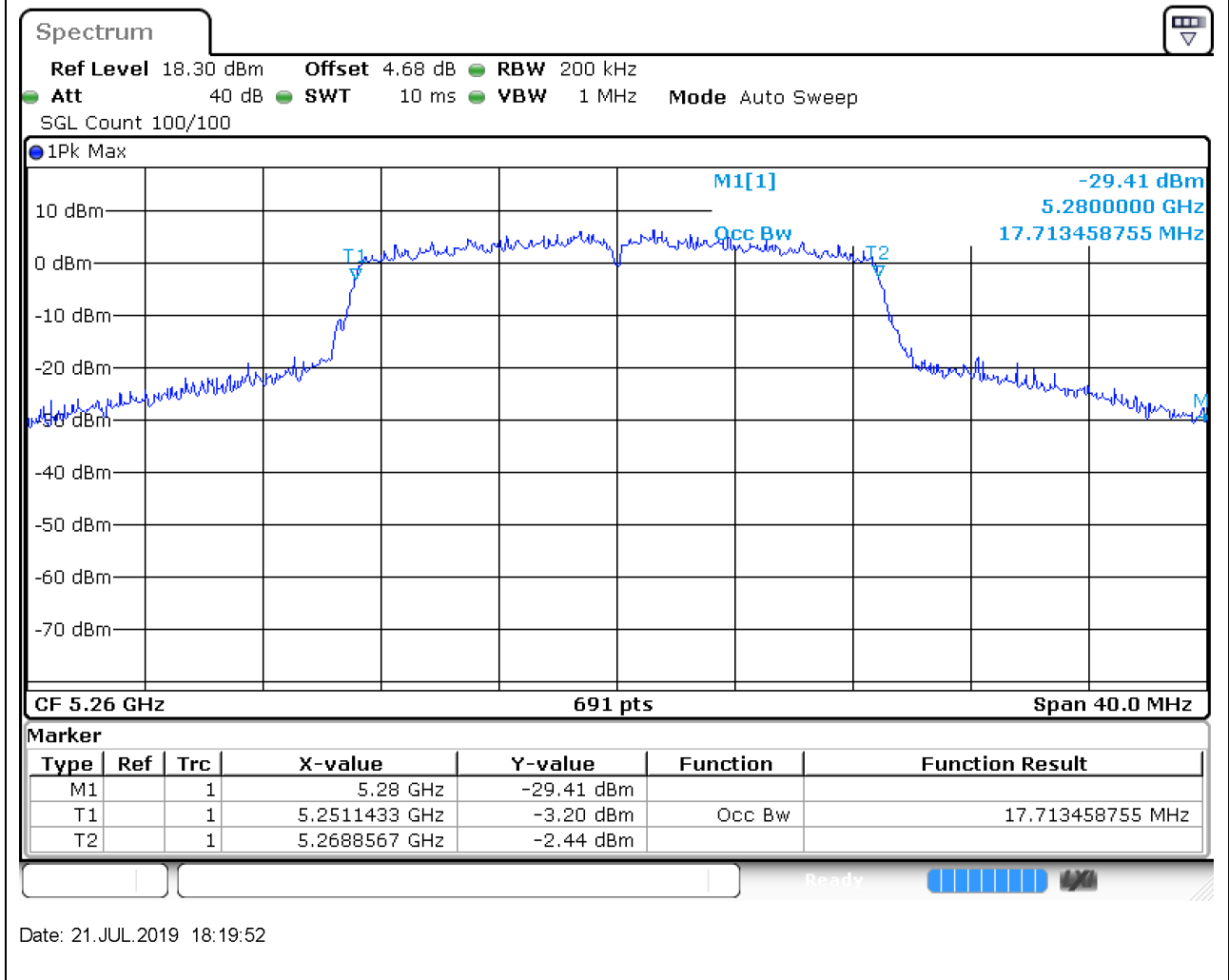




## 12. 802.11n\_20M\_Band2\_L

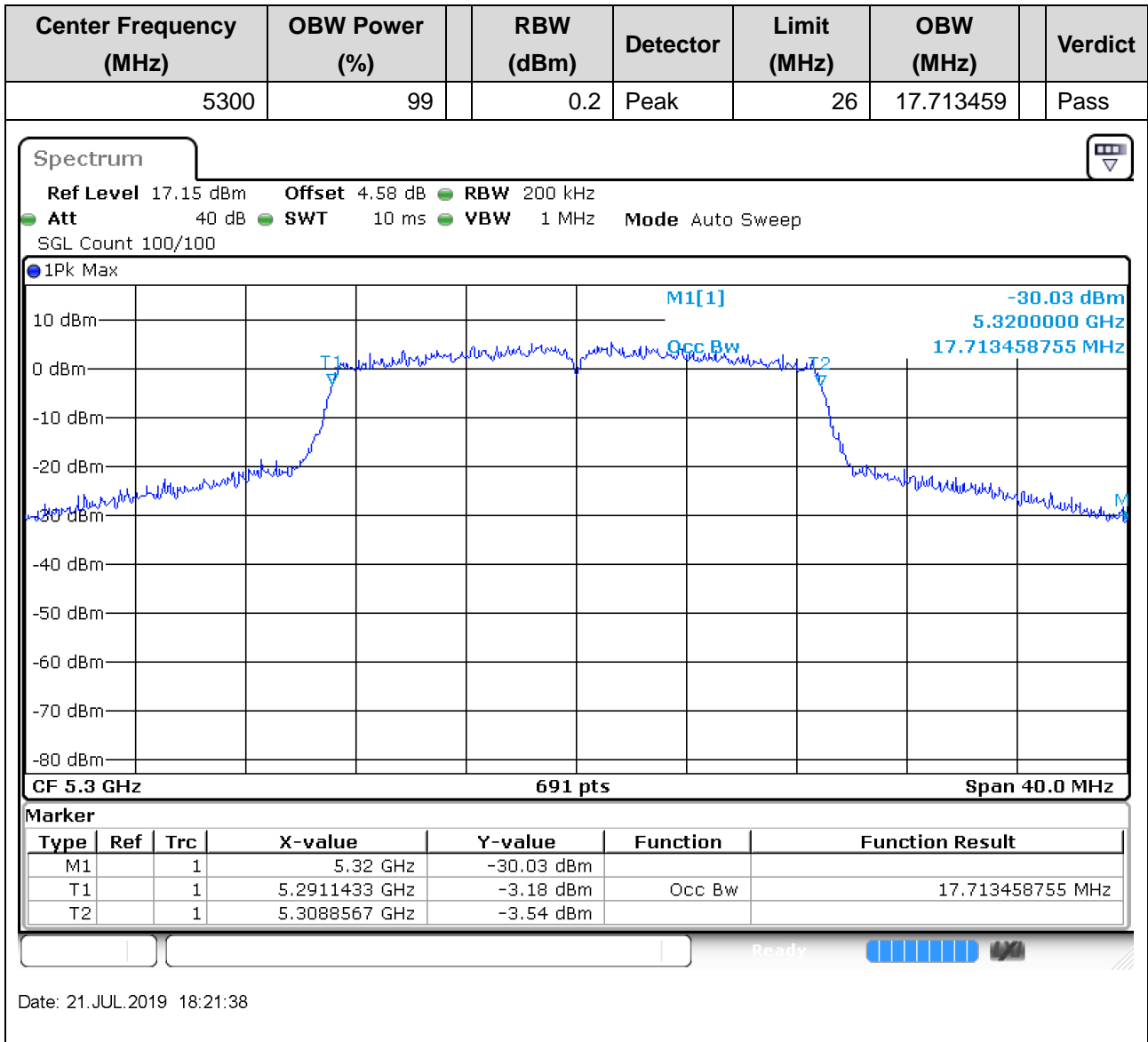
### 12.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5260	99	0.2	Peak	26	17.713459	Pass



## 13. 802.11n\_20M\_Band2\_M

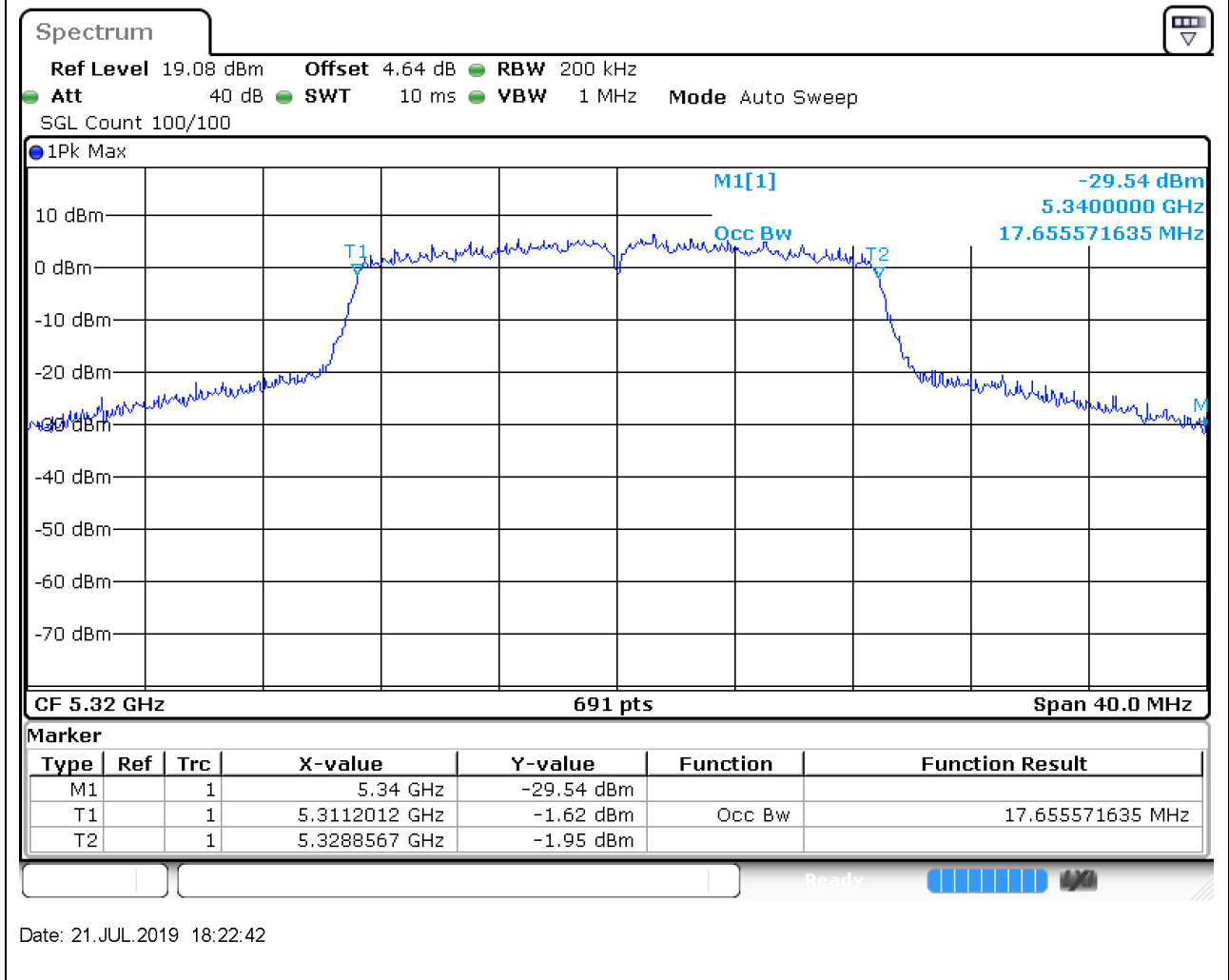
### 13.1. A.2.2-99% Bandwidth(NTNV)



# 14. 802.11n\_20M\_Band2\_H

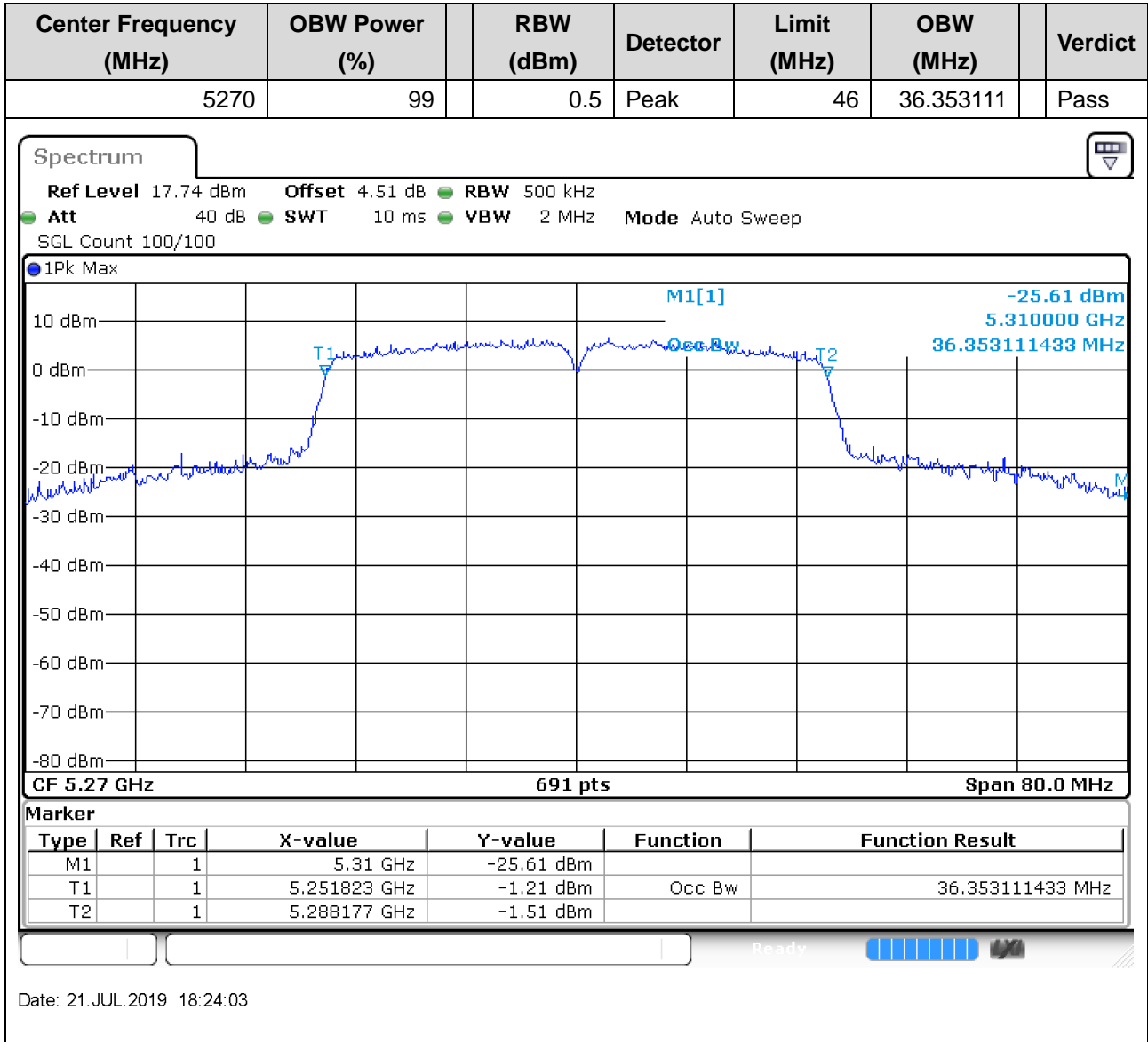
## 14.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5320	99	0.2	Peak	26	17.655572	Pass



## 15. 802.11n\_40M\_Band2\_L

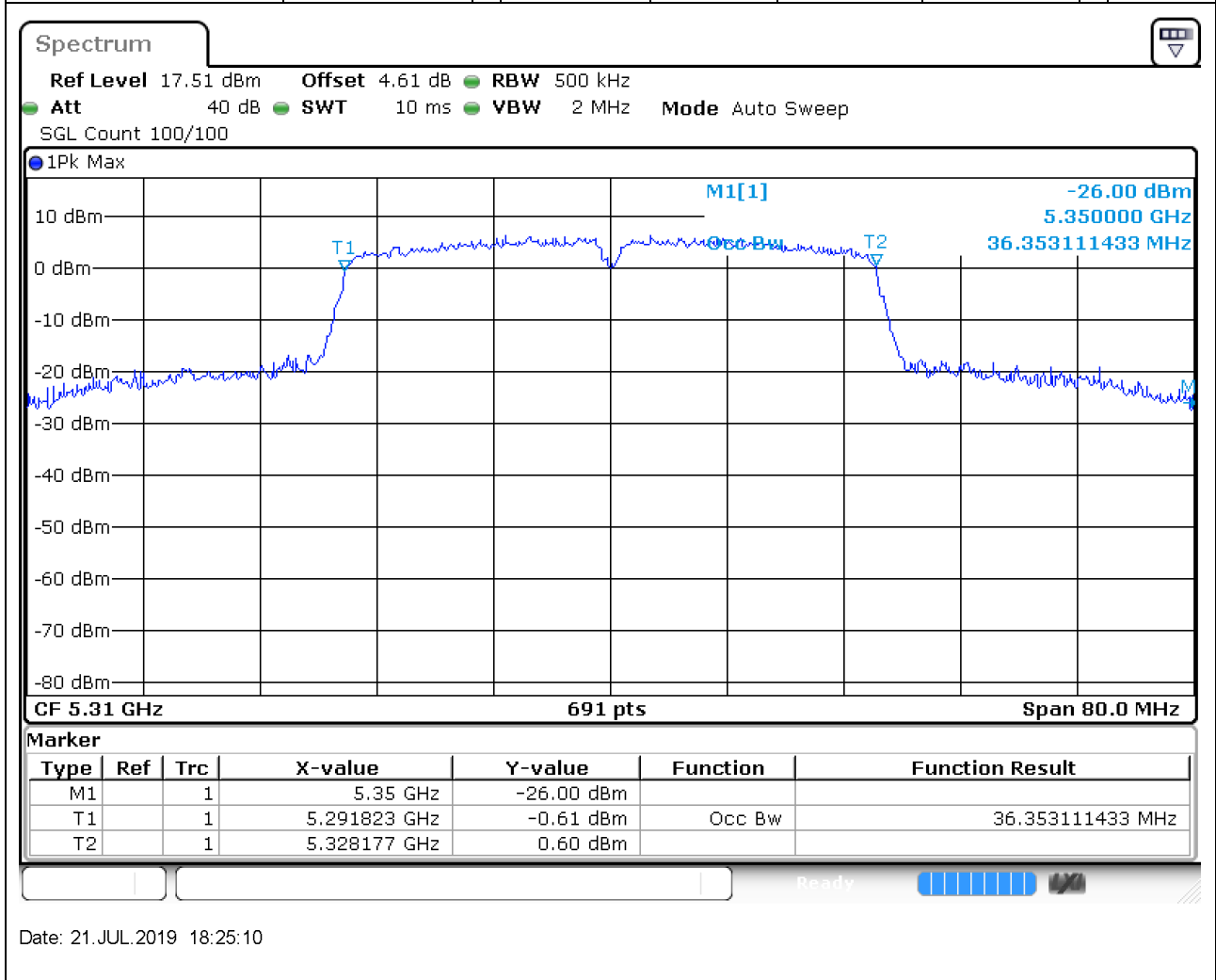
### 15.1. A.2.2-99% Bandwidth(NTNV)



## 16. 802.11n\_40M\_Band2\_H

### 16.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5310	99	0.5	Peak	46	36.353111	Pass



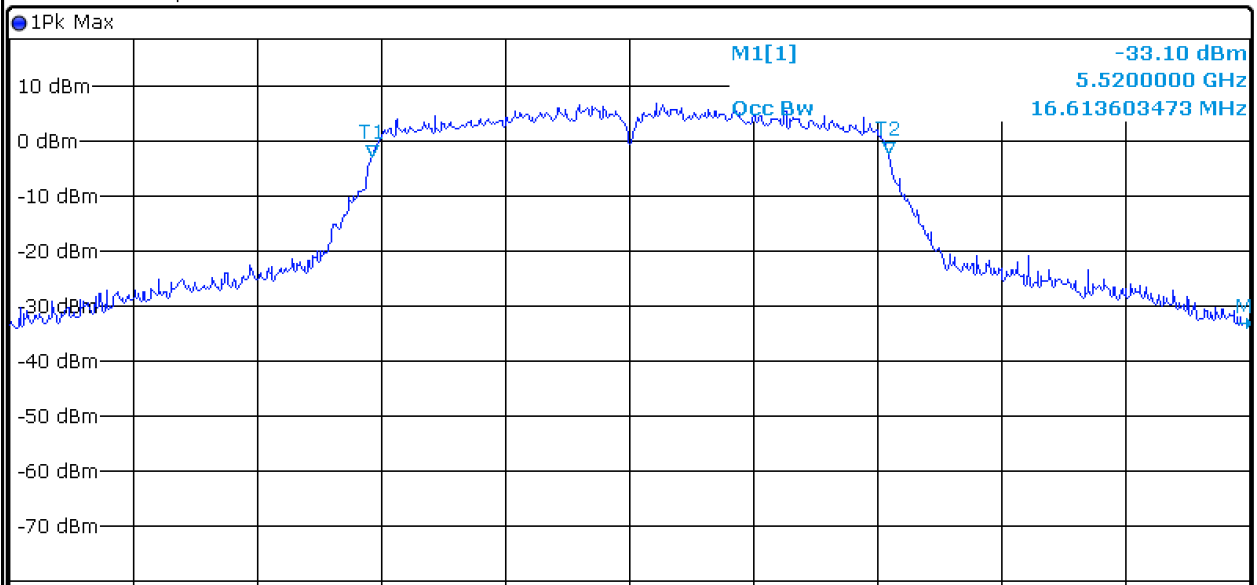
# 17. 802.11a\_20M\_Band3\_L

## 17.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5500	99	0.2	Peak	26	16.613603	Pass

**Spectrum**

Ref Level 18.61 dBm    Offset 4.44 dB    RBW 200 kHz  
Att 40 dB    SWT 10 ms    VBW 1 MHz    Mode Auto Sweep  
SGL Count 100/100



CF 5.5 GHz    691 pts    Span 40.0 MHz

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.52 GHz	-33.10 dBm		
T1		1	5.4917221 GHz	-2.76 dBm	Occ Bw	16.613603473 MHz
T2		1	5.5083357 GHz	-2.30 dBm		

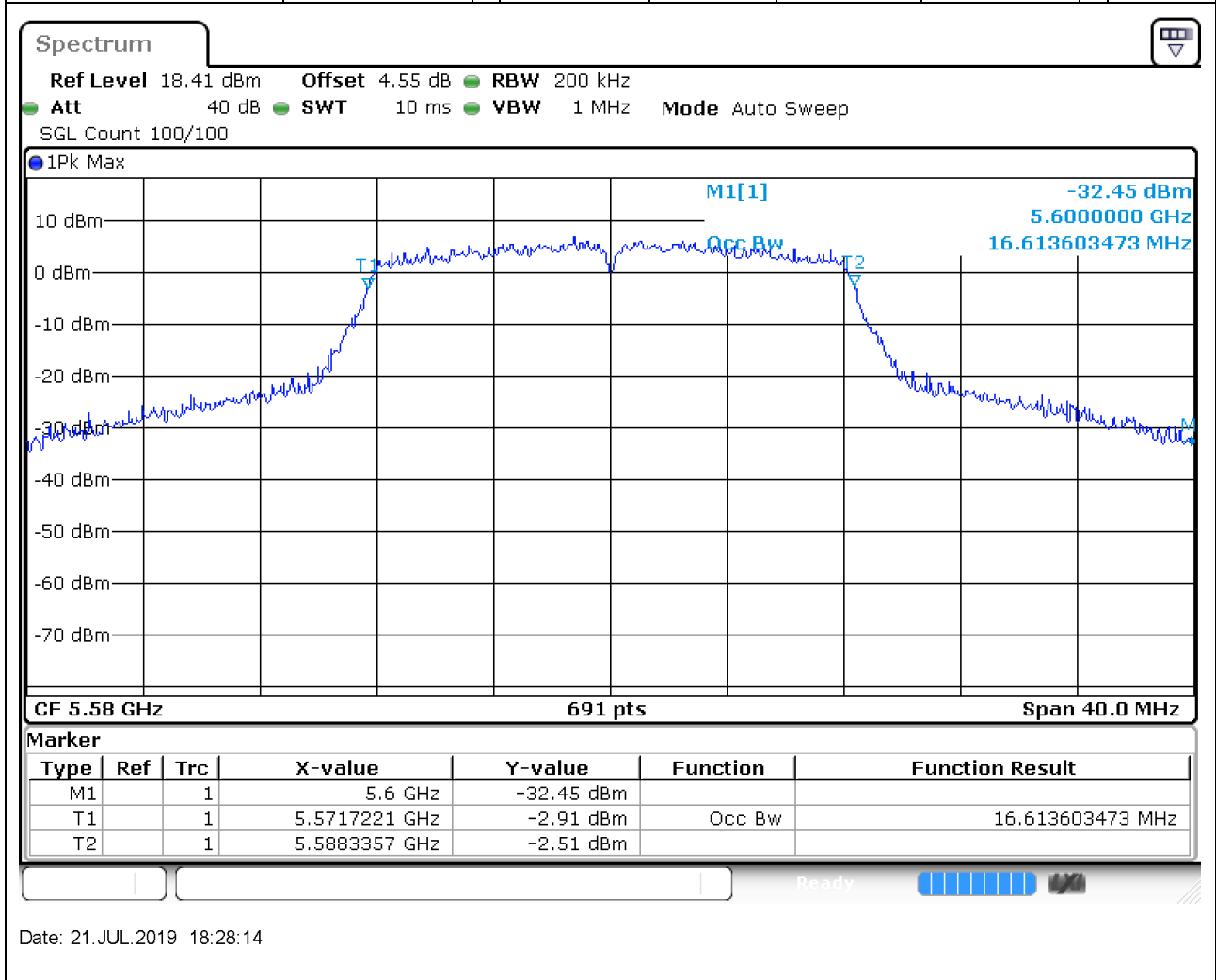
Ready

Date: 21.JUL.2019 18:26:51

## 18. 802.11a\_20M\_Band3\_M

### 18.1. A.2.2-99% Bandwidth(NTNV)

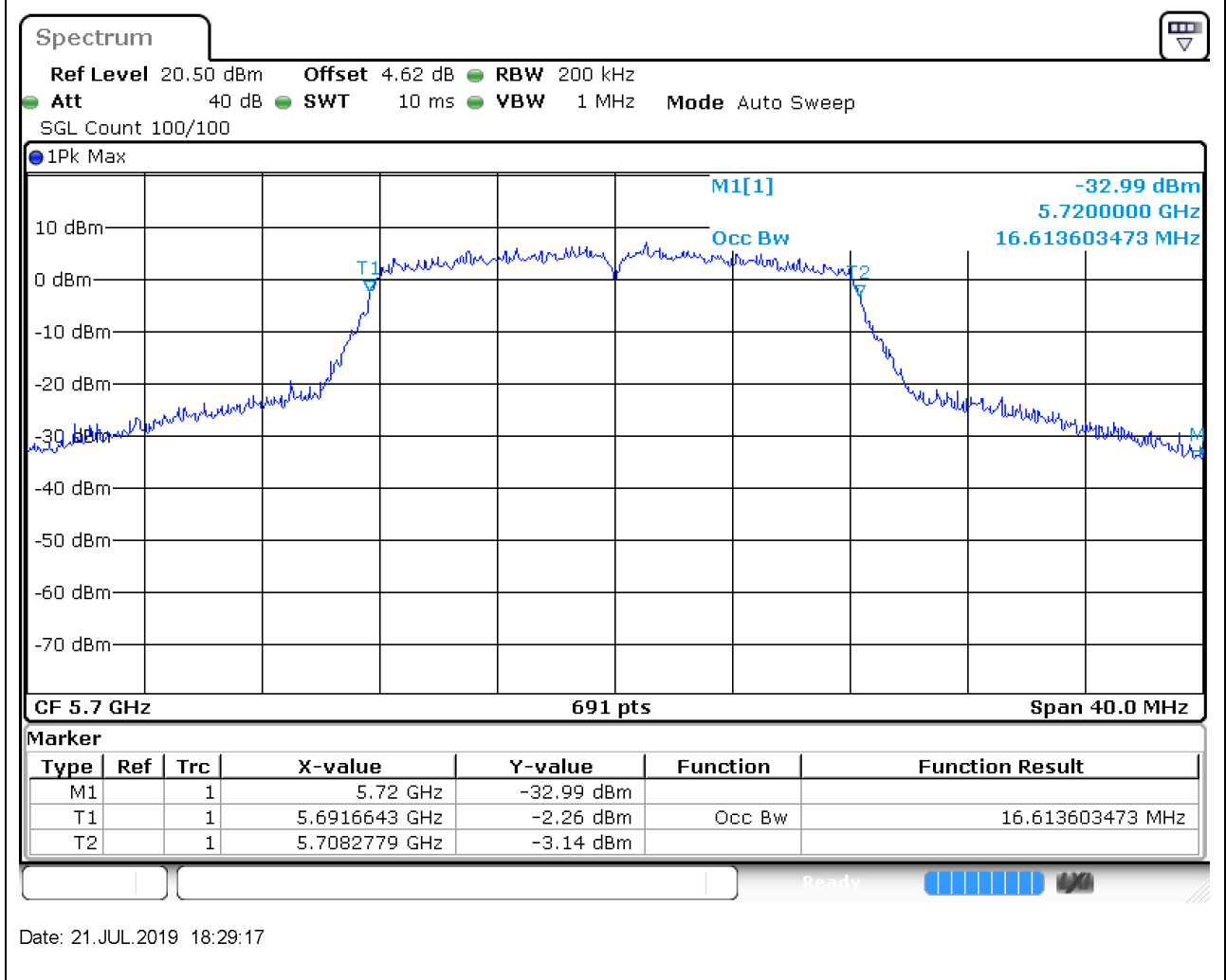
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5580	99	0.2	Peak	26	16.613603	Pass



# 19. 802.11a\_20M\_Band3\_H

## 19.1. A.2.2-99% Bandwidth(NTNV)

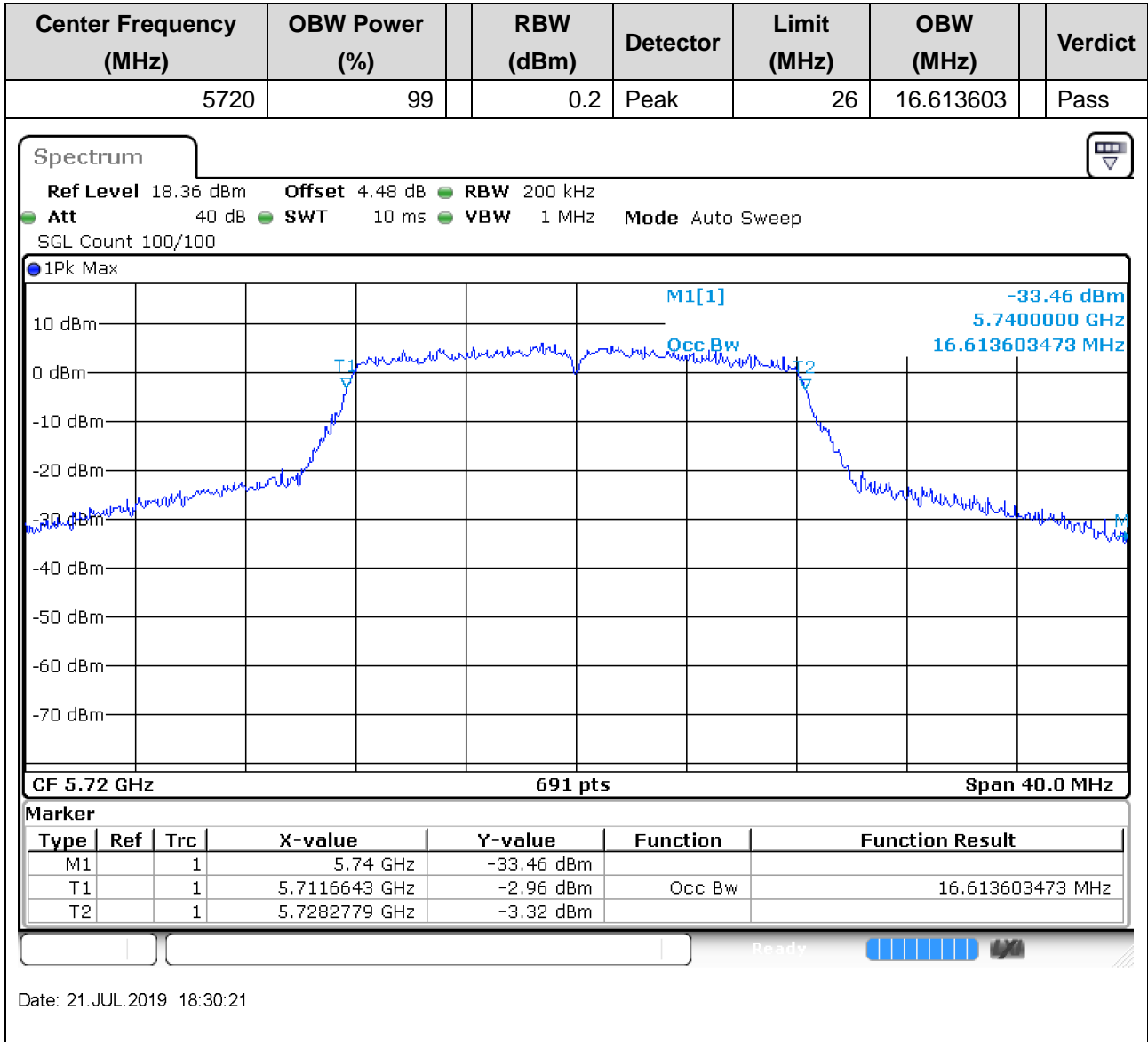
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5700	99	0.2	Peak	26	16.613603	Pass





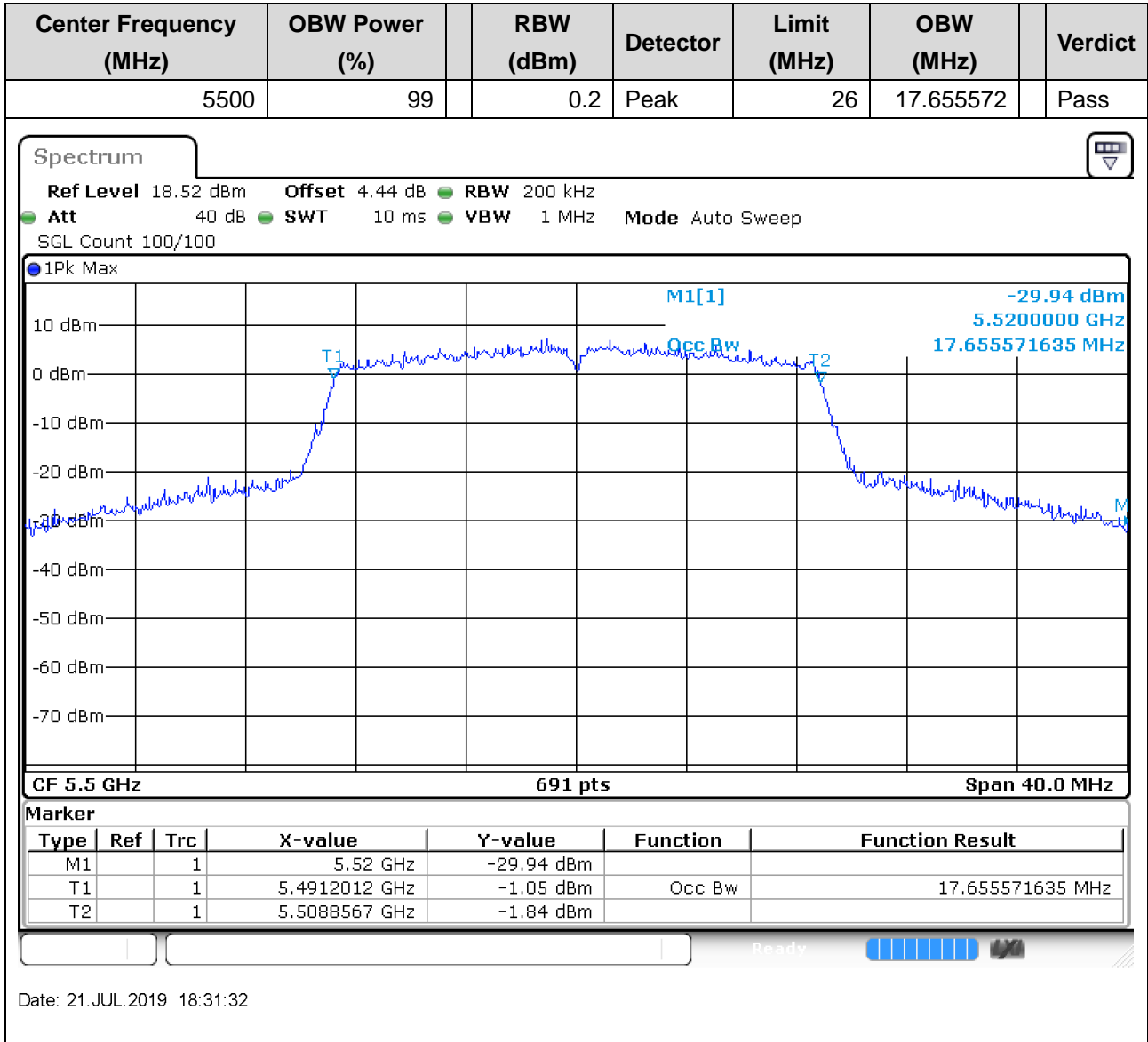
## 20. 802.11a\_20M\_Band3\_CH144

### 20.1. A.2.2-99% Bandwidth(NTNV)



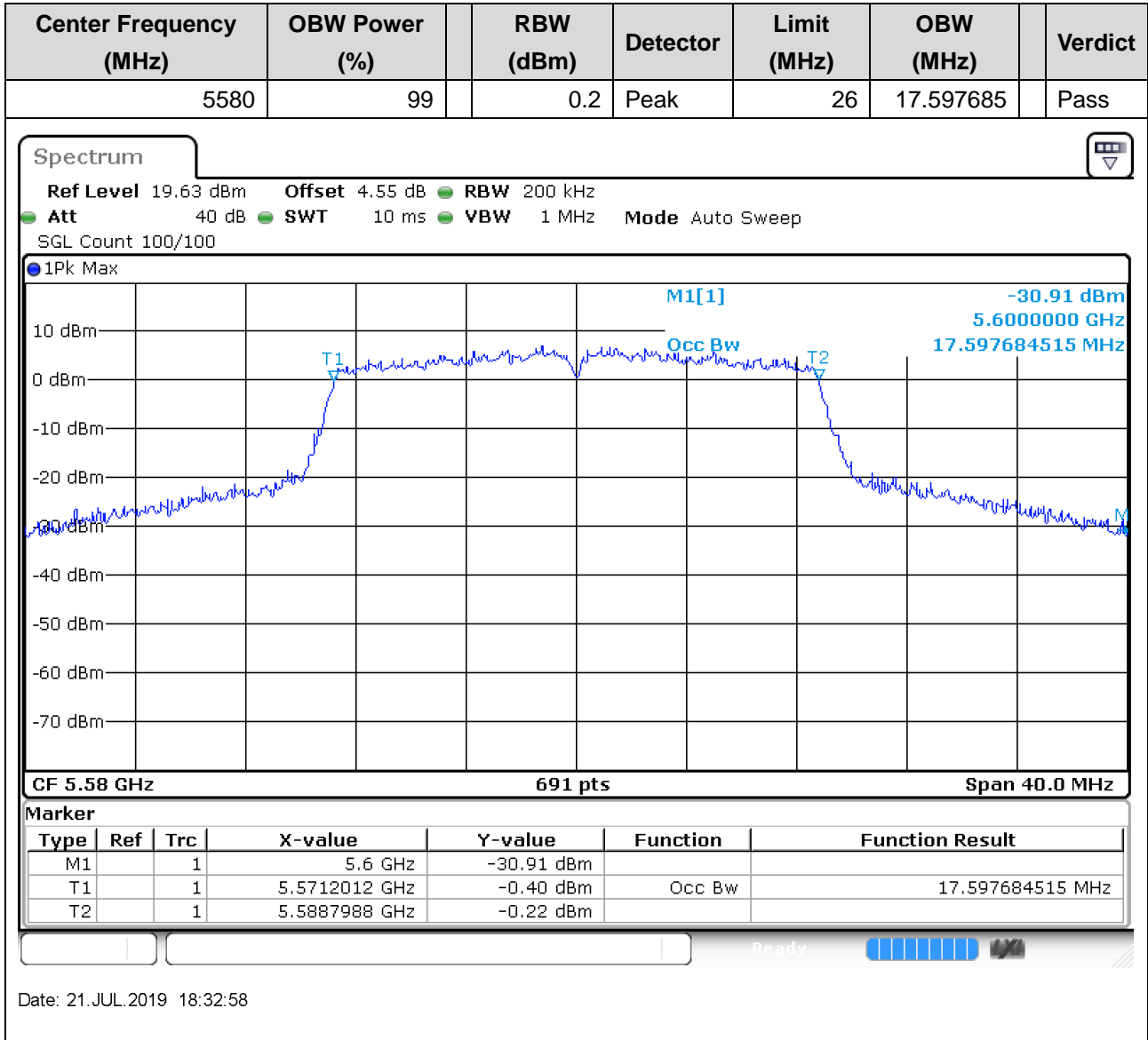
## 21. 802.11n\_20M\_Band3\_L

### 21.1. A.2.2-99% Bandwidth(NTNV)



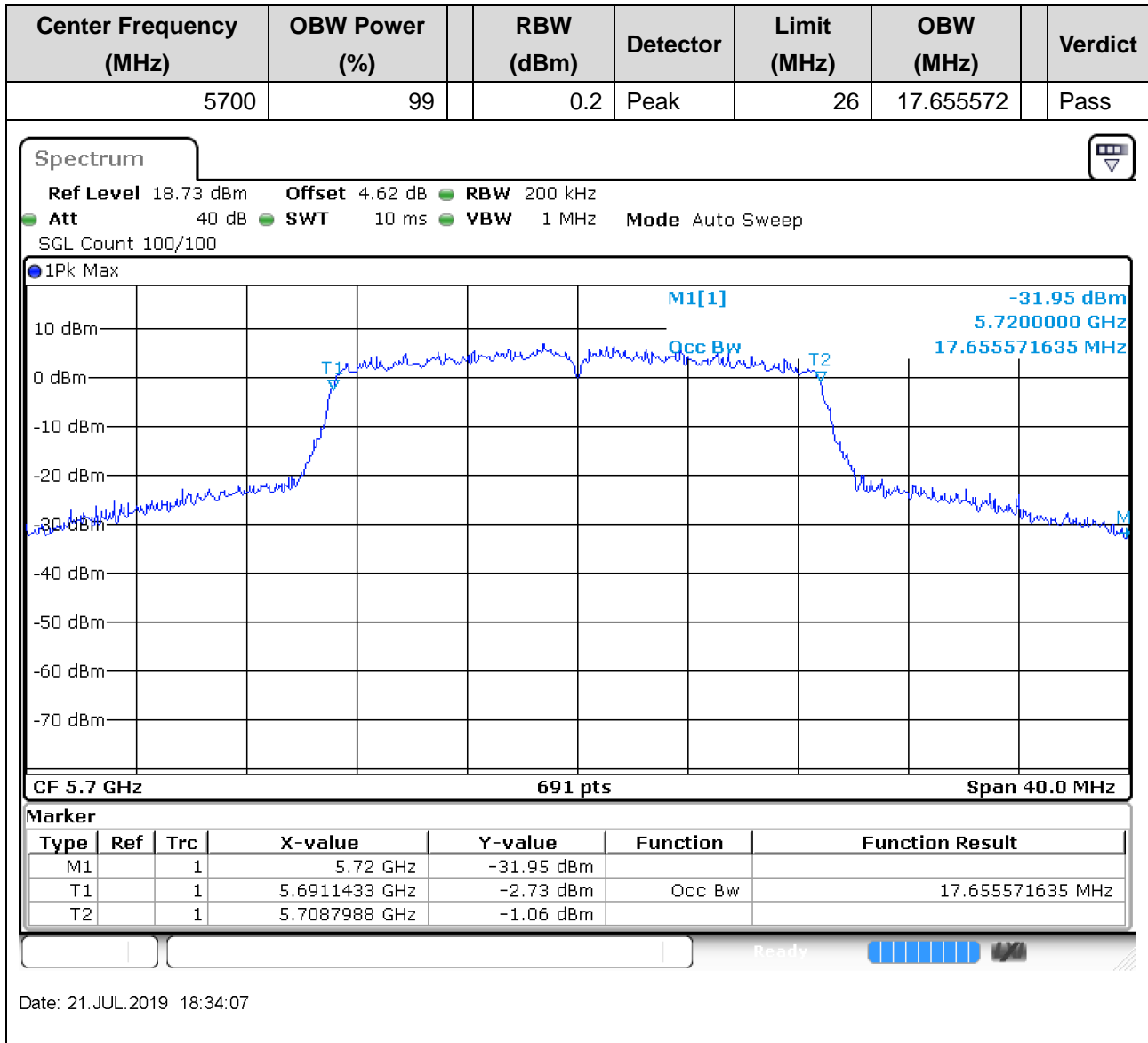
## 22. 802.11n\_20M\_Band3\_M

### 22.1. A.2.2-99% Bandwidth(NTNV)



## 23. 802.11n\_20M\_Band3\_H

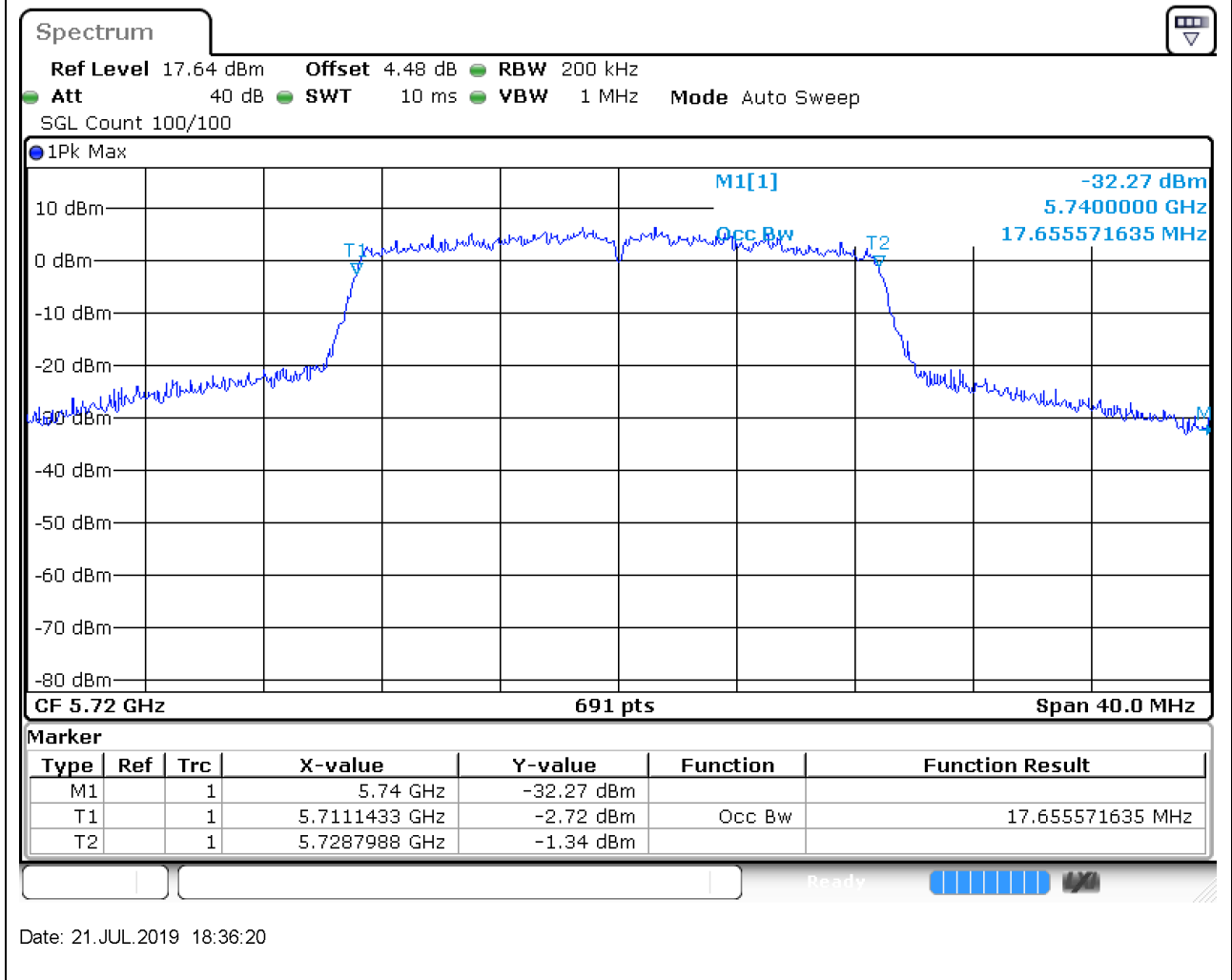
### 23.1. A.2.2-99% Bandwidth(NTNV)



## 24. 802.11n\_20M\_Band3\_CH144

### 24.1. A.2.2-99% Bandwidth(NTNV)

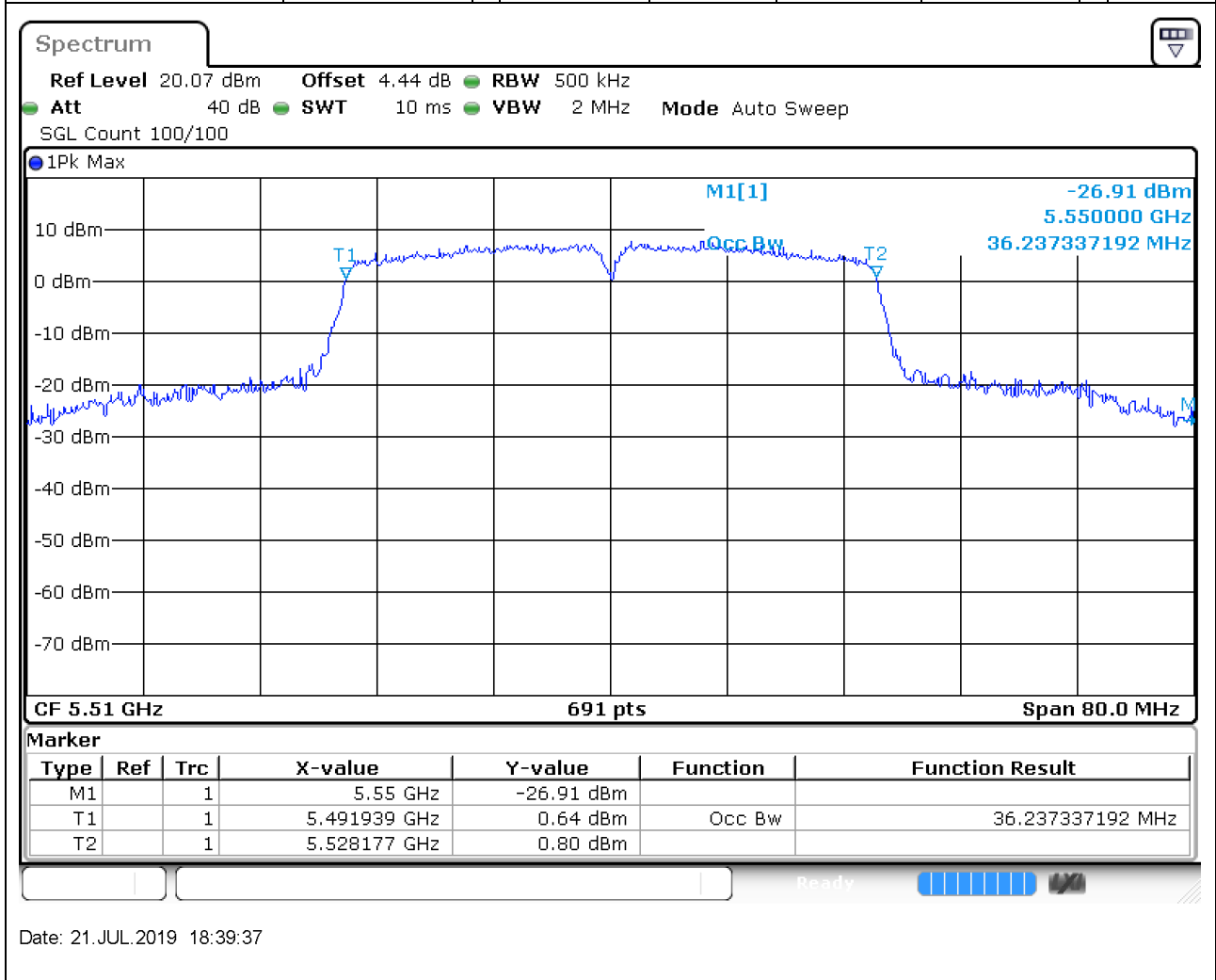
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5720	99	0.2	Peak	26	17.655572	Pass



## 25. 802.11n\_40M\_Band3\_L

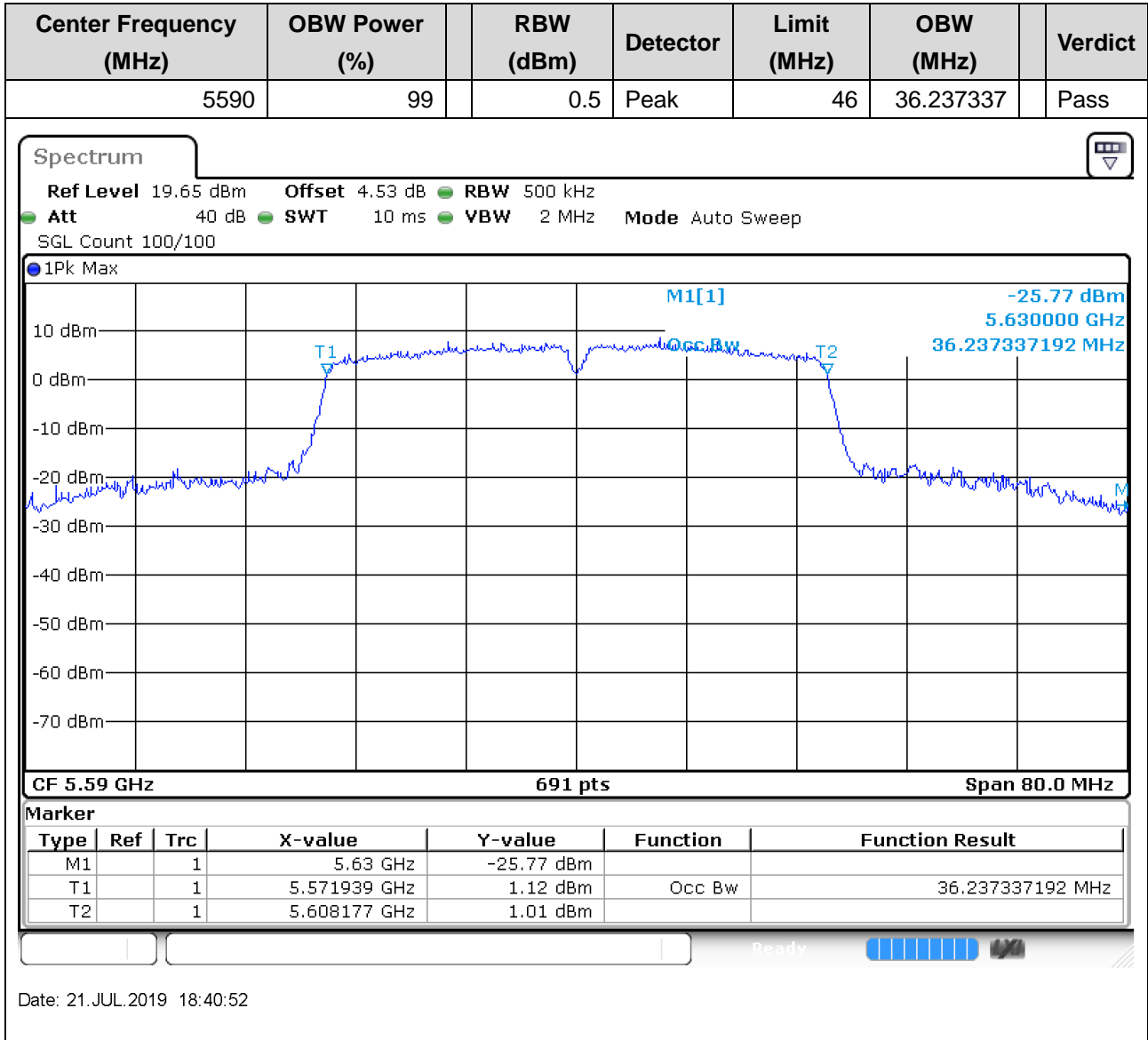
### 25.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5510	99	0.5	Peak	46	36.237337	Pass



## 26. 802.11n\_40M\_Band3\_M

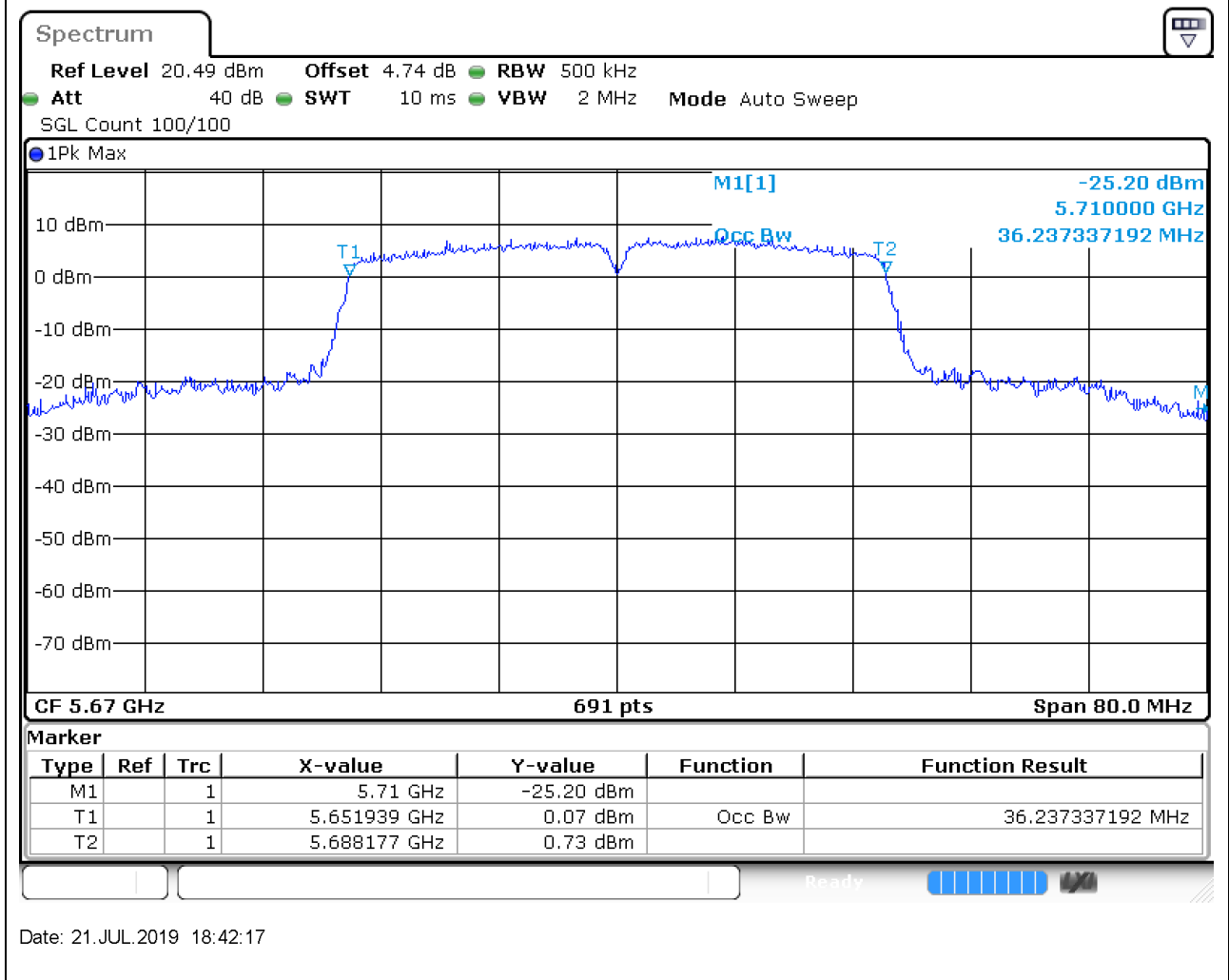
### 26.1. A.2.2-99% Bandwidth(NTNV)



## 27. 802.11n\_40M\_Band3\_H

### 27.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5670	99	0.5	Peak	46	36.237337	Pass

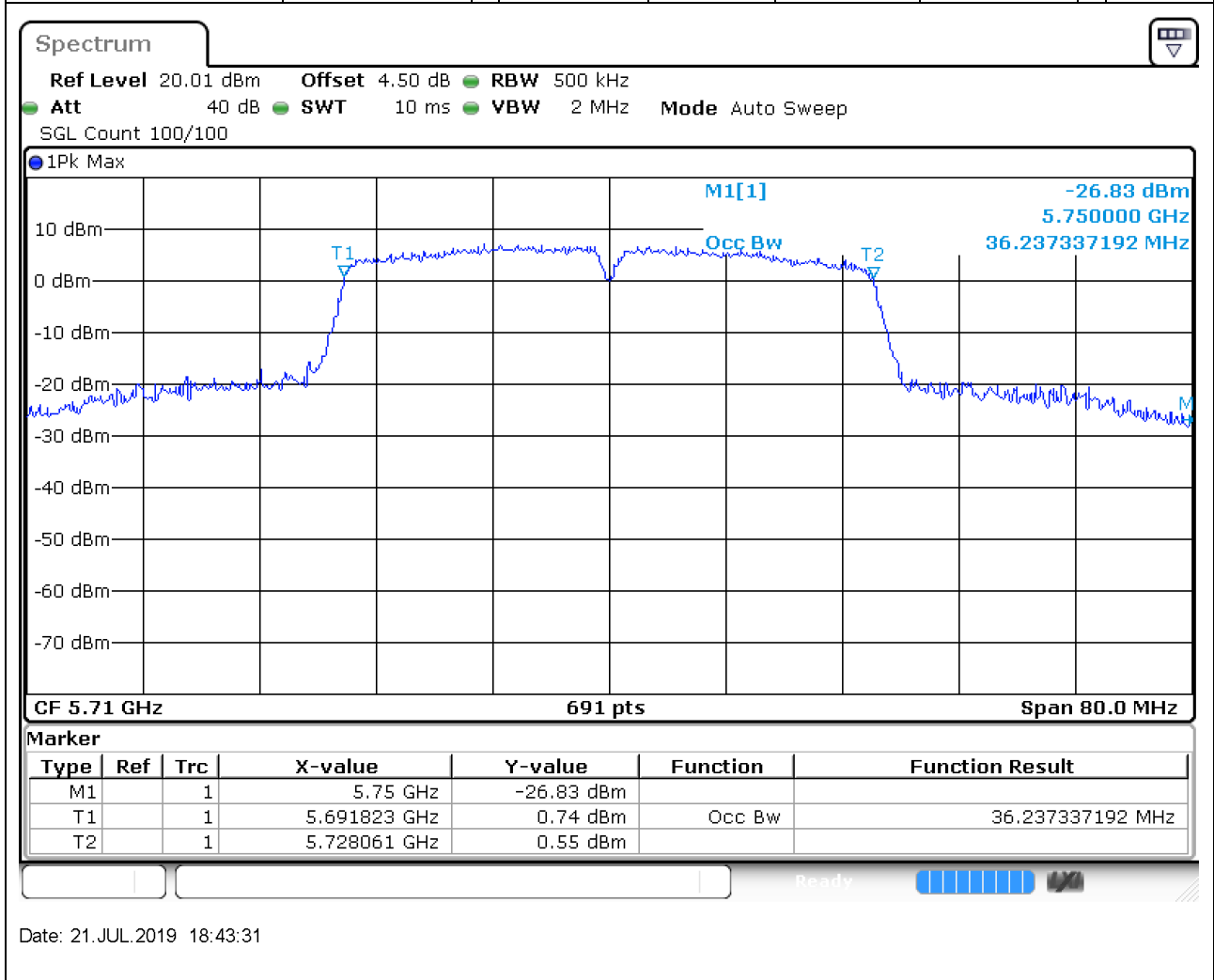




## 28. 802.11n\_40M\_Band3\_142

### 28.1. A.2.2-99% Bandwidth(NTNV)

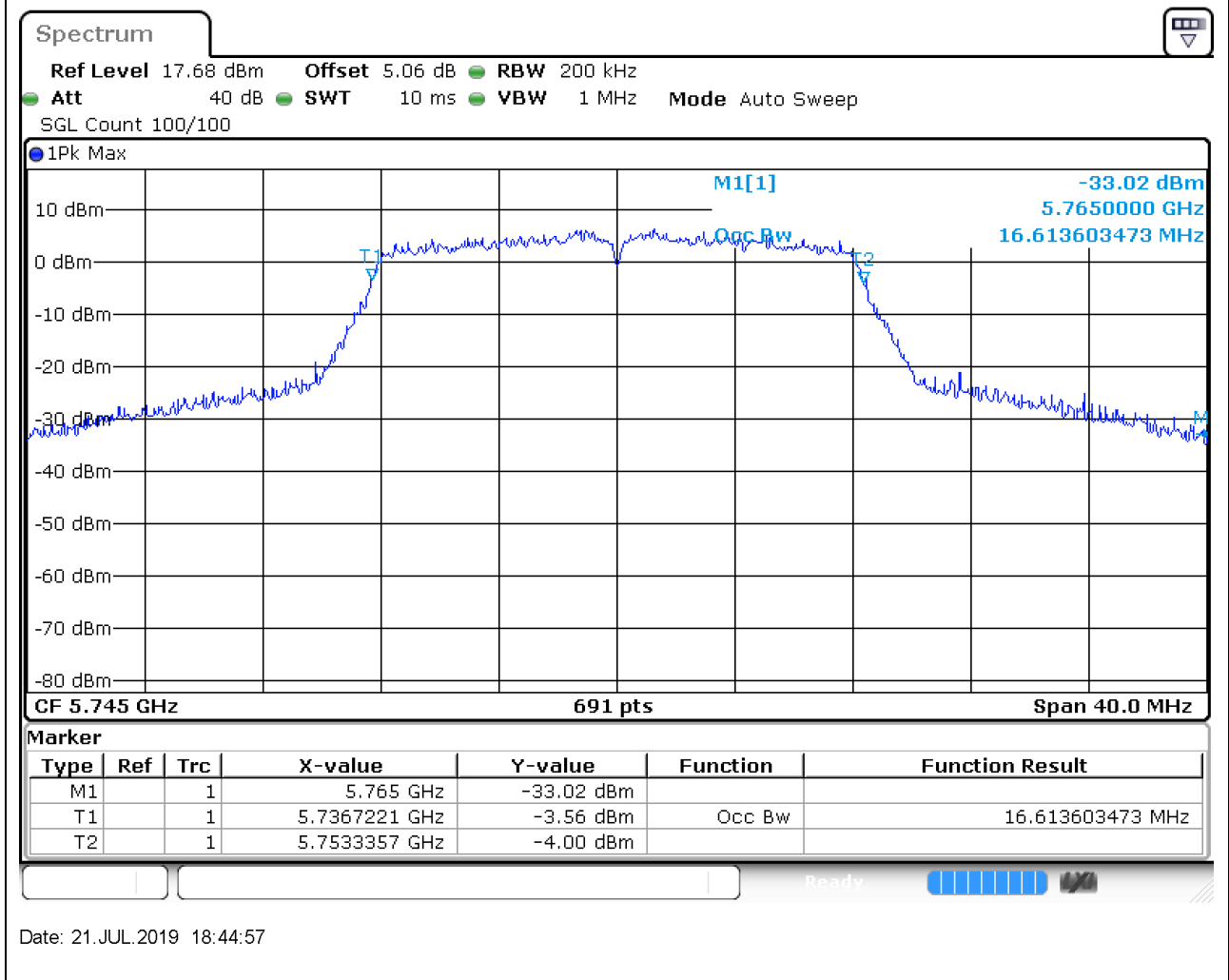
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5710	99	0.5	Peak	46	36.237337	Pass



## 29. 802.11a\_20M\_Band4\_L

### 29.1. A.2.2-99% Bandwidth(NTNV)

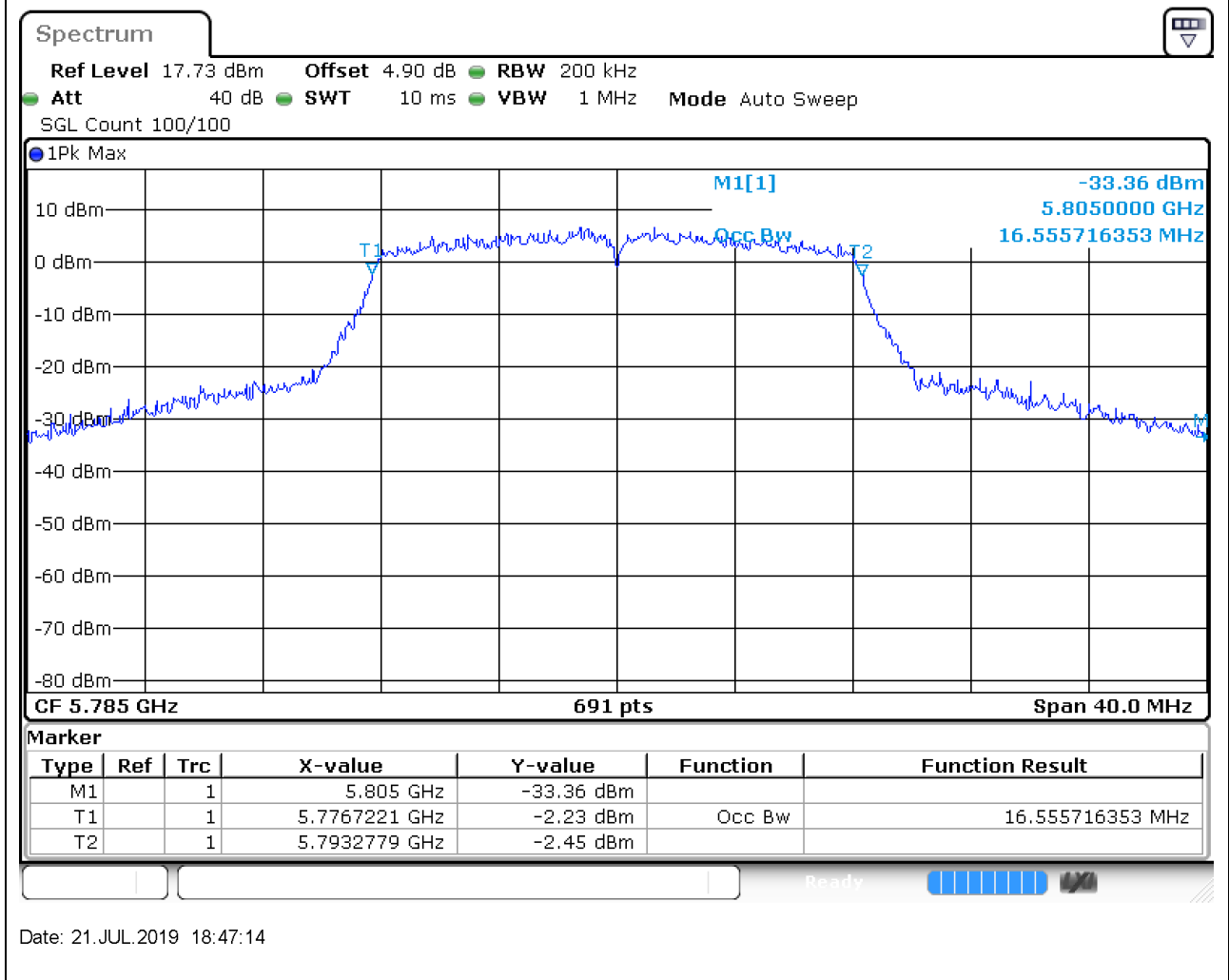
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5745	99	0.2	Peak	26	16.613603	Pass



### 30. 802.11a\_20M\_Band4\_M

#### 30.1. A.2.2-99% Bandwidth(NTNV)

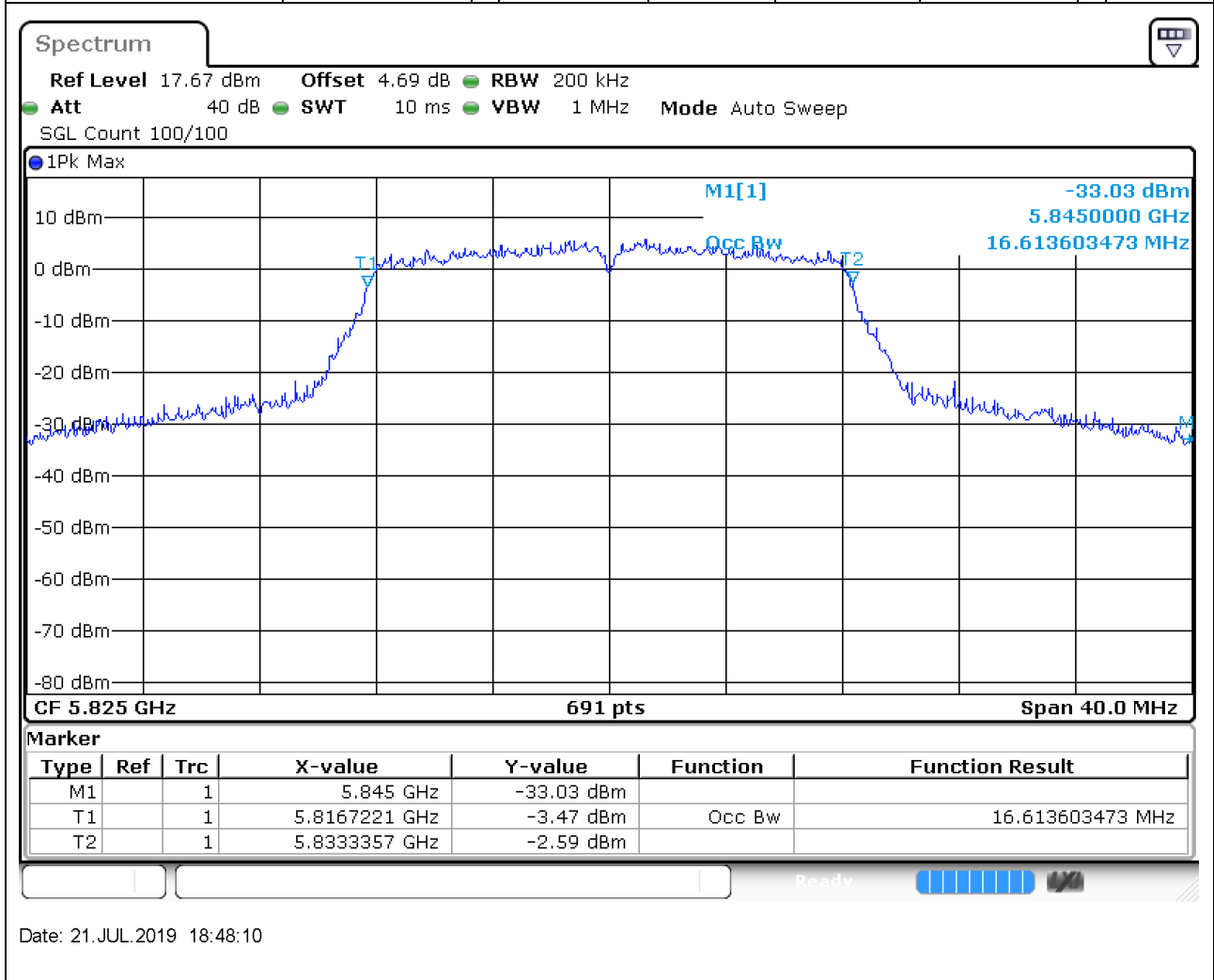
Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5785	99	0.2	Peak	26	16.555716	Pass



# 31. 802.11a\_20M\_Band4\_H

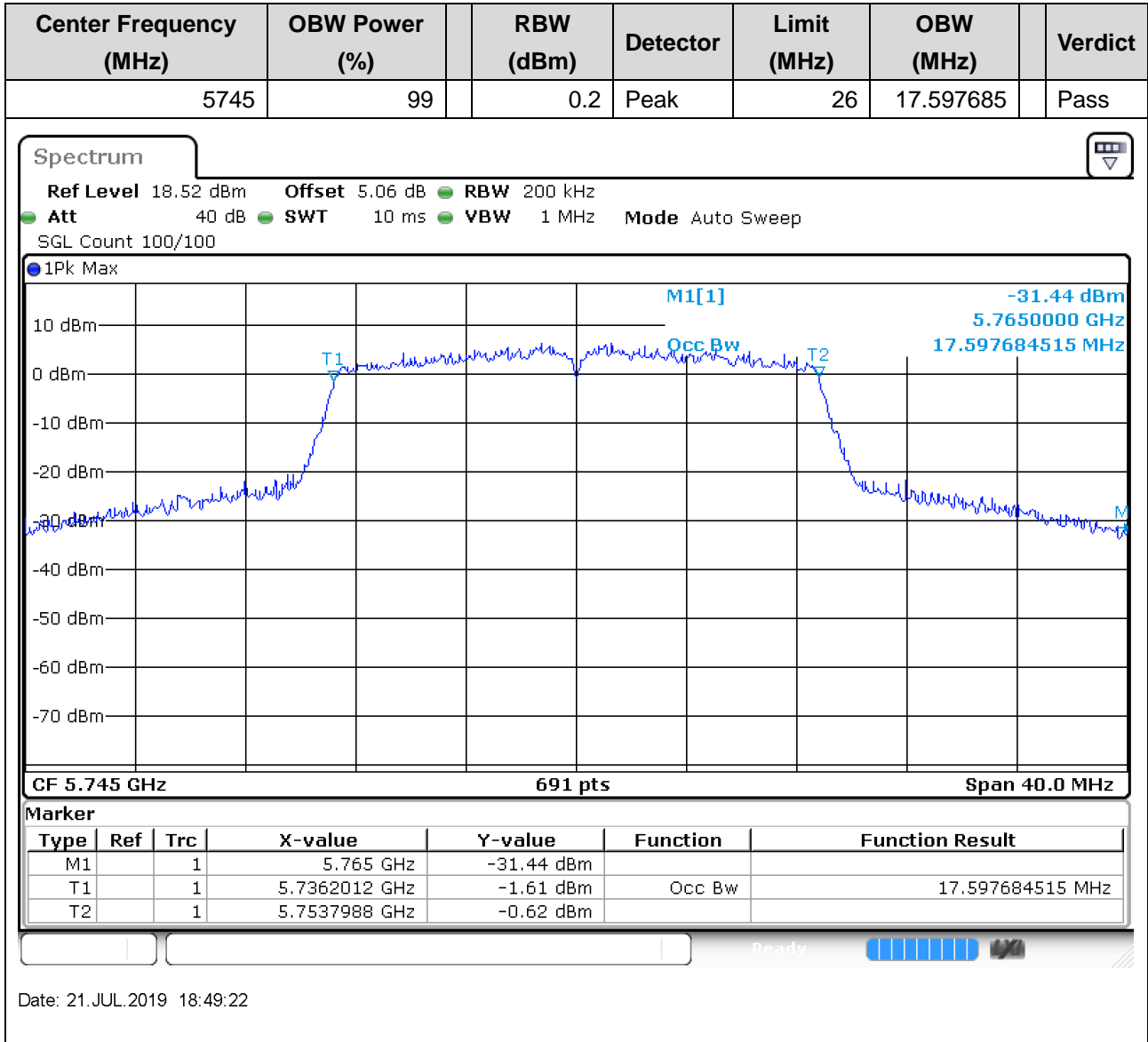
## 31.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5825	99	0.2	Peak	26	16.613603	Pass



## 32. 802.11n\_20M\_Band4\_L

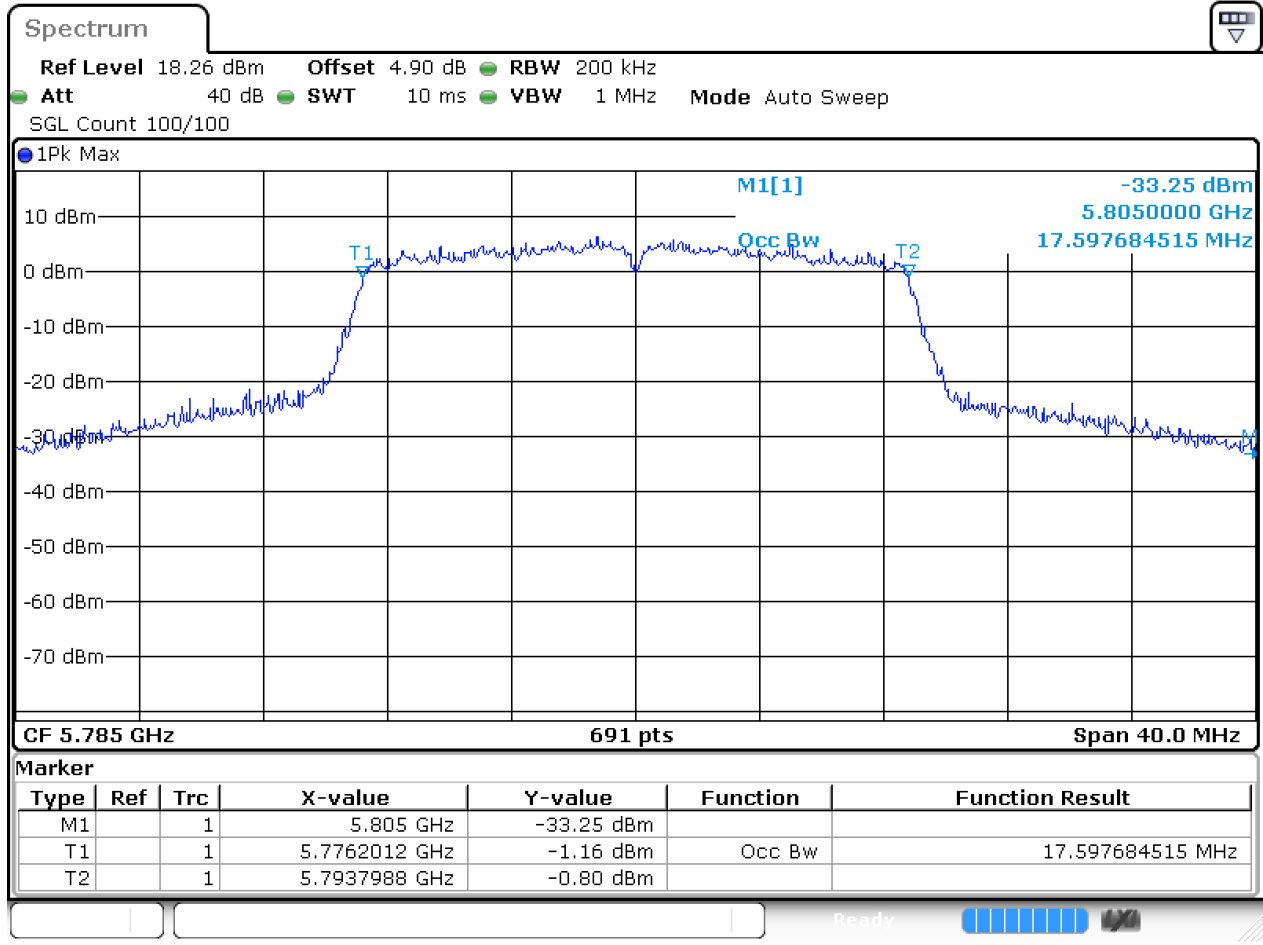
### 32.1. A.2.2-99% Bandwidth(NTNV)



### 33. 802.11n\_20M\_Band4\_M

#### 33.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5785	99	0.2	Peak	26	17.597685	Pass

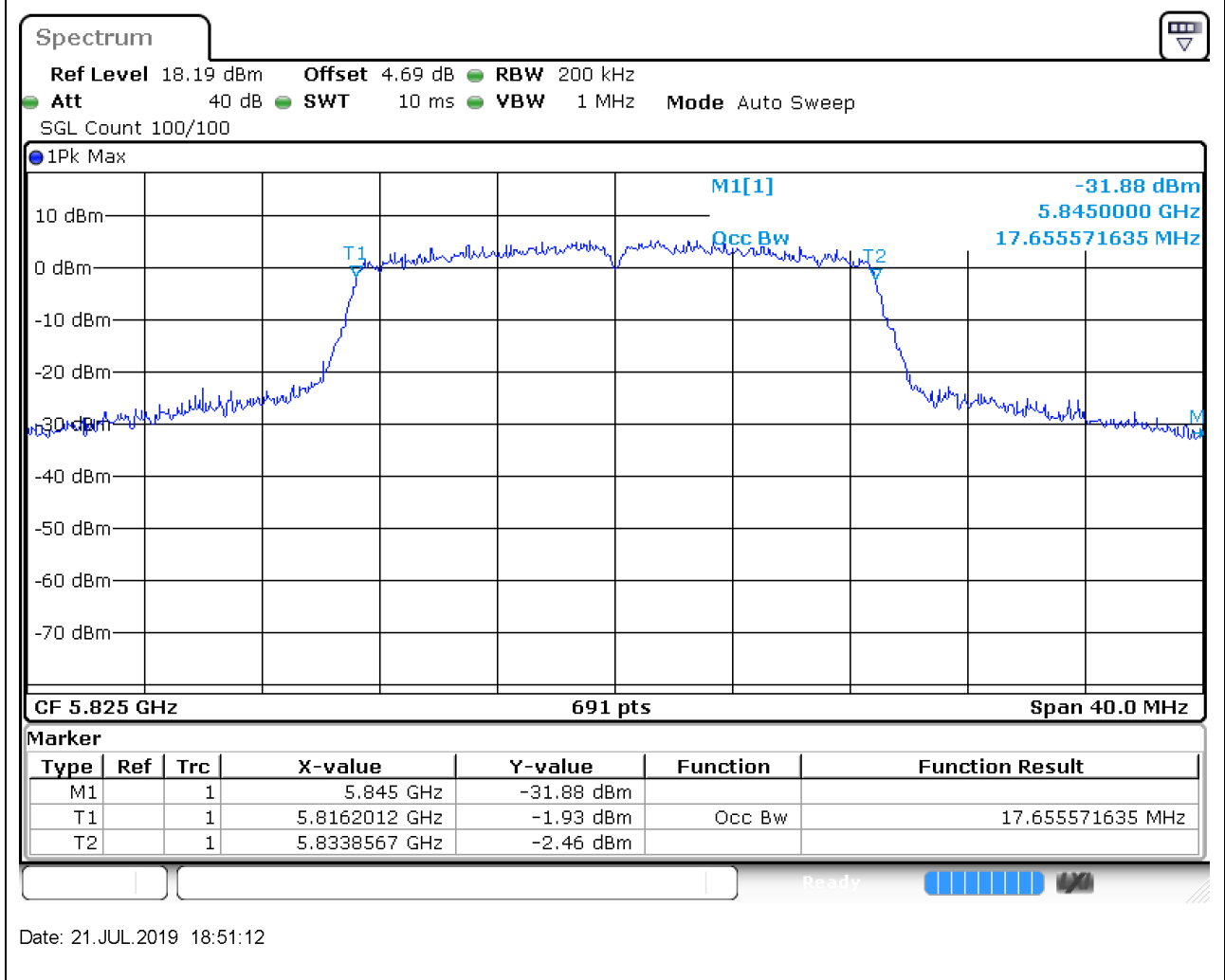


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## 34. 802.11n\_20M\_Band4\_H

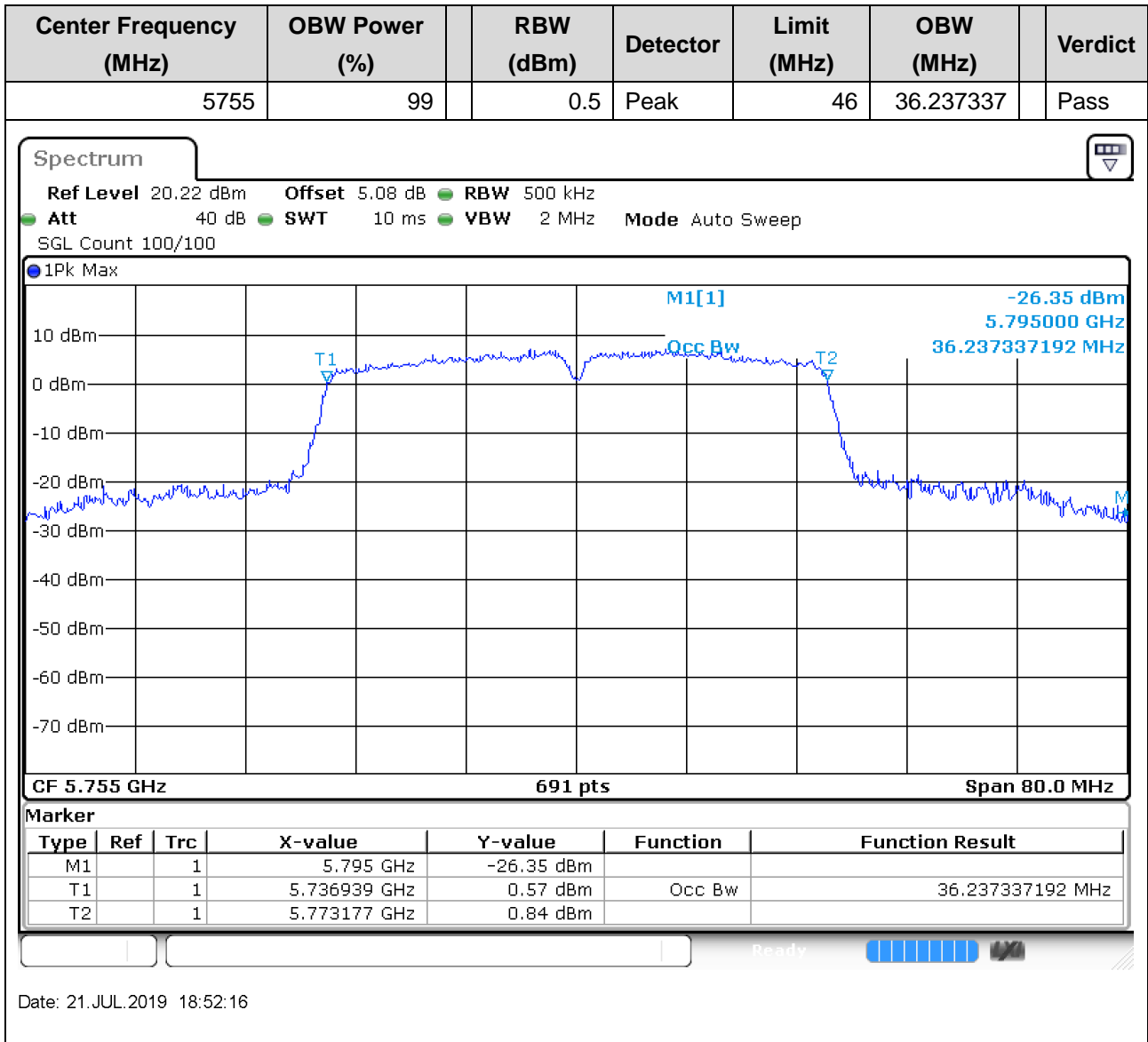
### 34.1. A.2.2-99% Bandwidth(NTNV)

Center Frequency (MHz)	OBW Power (%)	RBW (dBm)	Detector	Limit (MHz)	OBW (MHz)	Verdict
5825	99	0.2	Peak	26	17.655572	Pass



### 35. 802.11n\_40M\_Band4\_L

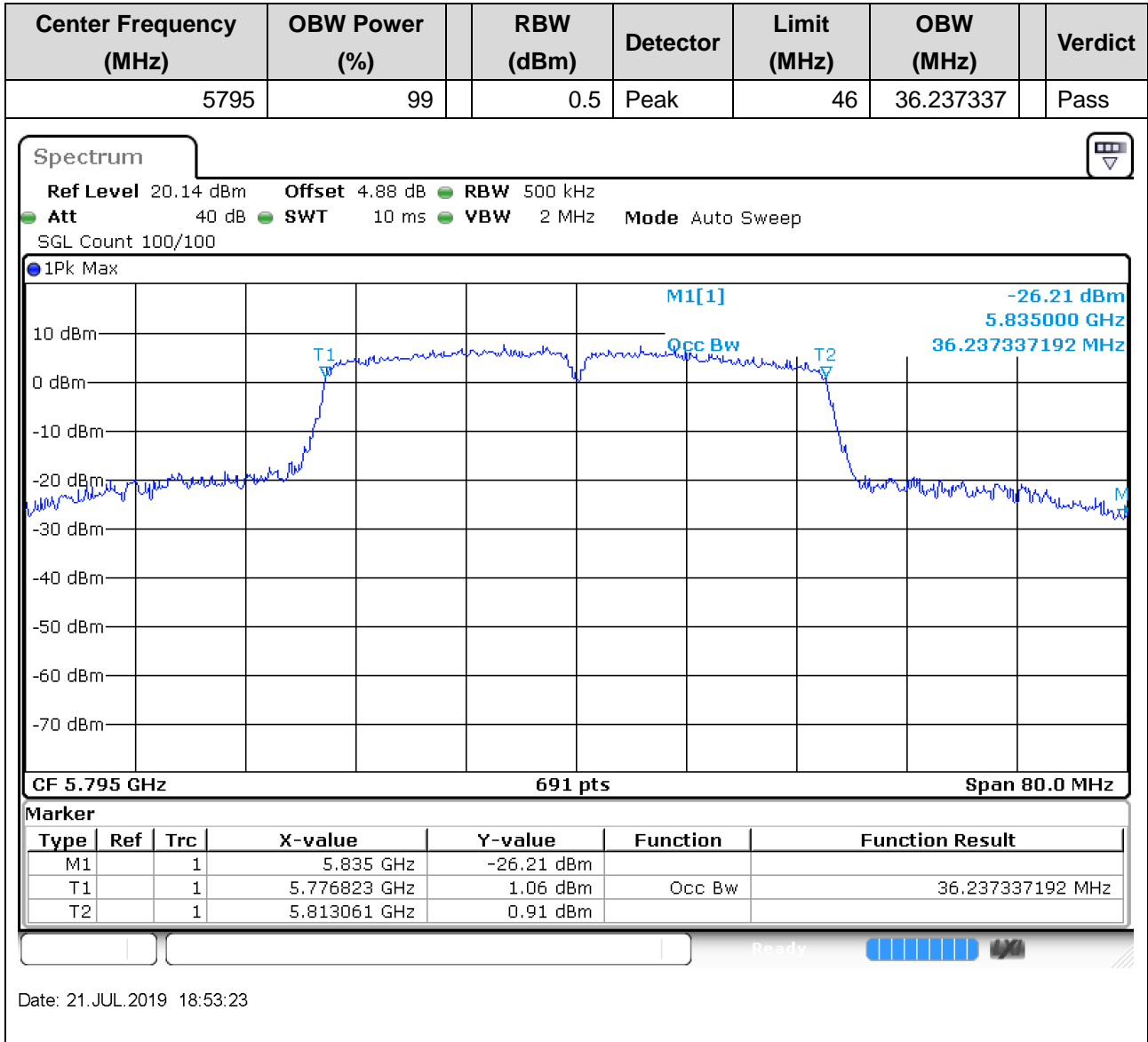
#### 35.1. A.2.2-99% Bandwidth(NTNV)





## 36. 802.11n\_40M\_Band4\_H

### 36.1. A.2.2-99% Bandwidth(NTNV)



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END