

Test Information:

|             |             |              |                       |
|-------------|-------------|--------------|-----------------------|
| Sample No.: | 2TLH-2      | Test Date:   | 2024/11/08~2024/11/09 |
| Test Site:  | RF          | Test Mode:   | Transmitting          |
| Tester:     | Lingling Li | Test Result: | Pass                  |

Environmental Conditions:

|                       |           |                           |       |                        |             |
|-----------------------|-----------|---------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C): | 26.2-26.5 | Relative Humidity:<br>(%) | 52-53 | ATM Pressure:<br>(kPa) | 100.3-100.9 |
|-----------------------|-----------|---------------------------|-------|------------------------|-------------|

Test Equipment List and Details:

| Manufacturer | Description       | Model   | Serial Number | Calibration Date | Calibration Due Date |
|--------------|-------------------|---------|---------------|------------------|----------------------|
| R&S          | Spectrum Analyzer | FSU26   | 100147        | 2024/04/01       | 2025/03/31           |
| zhuoxiang    | Coaxial Cable     | SMA-178 | 211003        | Each time        | N/A                  |

\* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Emission Bandwidth

26dB Emission Bandwidth

5150-5250MHz

| Mode       | Antenna | Test Frequency (MHz) | Result (MHz) |
|------------|---------|----------------------|--------------|
| 802.11a    | Chain 0 | 5180                 | 21.500       |
|            |         | 5200                 | 21.463       |
|            |         | 5240                 | 21.503       |
| 802.11n20  | Chain 0 | 5180                 | 21.783       |
|            |         | 5200                 | 21.770       |
|            |         | 5240                 | 21.566       |
| 802.11n40  | Chain 0 | 5190                 | 40.160       |
|            |         | 5230                 | 40.240       |
| 802.11ac80 | Chain 0 | 5210                 | 81.760       |

5250-5350MHz

| Mode       | Antenna | Test Frequency (MHz) | Result (MHz) |
|------------|---------|----------------------|--------------|
| 802.11a    | Chain 0 | 5260                 | 21.588       |
|            |         | 5280                 | 21.506       |
|            |         | 5320                 | 21.546       |
| 802.11n20  | Chain 0 | 5260                 | 21.869       |
|            |         | 5280                 | 21.702       |
|            |         | 5320                 | 21.590       |
| 802.11n40  | Chain 0 | 5270                 | 40           |
|            |         | 5310                 | 40.320       |
| 802.11ac80 | Chain 0 | 5290                 | 82.880       |

5470-5725MHz

| Mode      | Antenna | Test Frequency (MHz) | Result (MHz) |
|-----------|---------|----------------------|--------------|
| 802.11a   | Chain 0 | 5500                 | 21.714       |
|           |         | 5580                 | 21.670       |
|           |         | 5700                 | 21.585       |
|           |         | 5720                 | 21.629       |
| 802.11n20 | Chain 0 | 5500                 | 21.833       |
|           |         | 5580                 | 21.735       |

| Mode       | Antenna | Test Frequency (MHz) | Result (MHz) |
|------------|---------|----------------------|--------------|
| 802.11n20  | Chain 0 | 5700                 | 21.702       |
|            |         | 5720                 | 21.778       |
| 802.11n40  | Chain 0 | 5510                 | 39.920       |
|            |         | 5550                 | 40.160       |
|            |         | 5670                 | 40           |
|            |         | 5710                 | 39.840       |
| 802.11ac80 | Chain 0 | 5530                 | 81.920       |
|            |         | 5610                 | 81.920       |
|            |         | 5690                 | 81.280       |

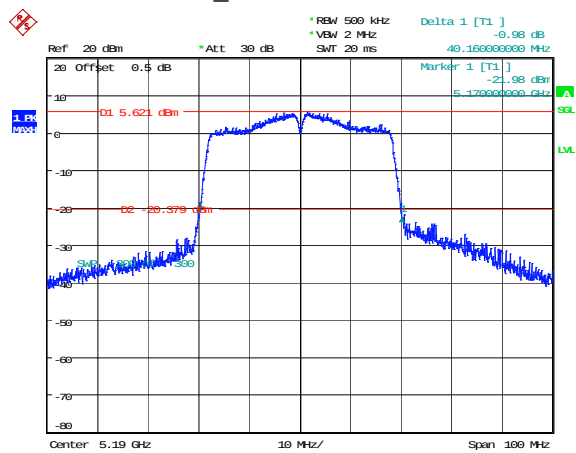
6dB Emission Bandwidth

5725-5850MHz

| Mode       | Antenna | Test Frequency (MHz) | Result (MHz) | Limit (MHz) | Verdict |
|------------|---------|----------------------|--------------|-------------|---------|
| 802.11a    | Chain 0 | 5745                 | 16.120       | 0.5         | Pass    |
|            |         | 5785                 | 16.080       | 0.5         | Pass    |
|            |         | 5825                 | 15.880       | 0.5         | Pass    |
| 802.11n20  | Chain 0 | 5745                 | 16.840       | 0.5         | Pass    |
|            |         | 5785                 | 16.960       | 0.5         | Pass    |
|            |         | 5825                 | 17           | 0.5         | Pass    |
| 802.11n40  | Chain 0 | 5755                 | 35.680       | 0.5         | Pass    |
|            |         | 5795                 | 35.360       | 0.5         | Pass    |
| 802.11ac80 | Chain 0 | 5775                 | 75.520       | 0.5         | Pass    |

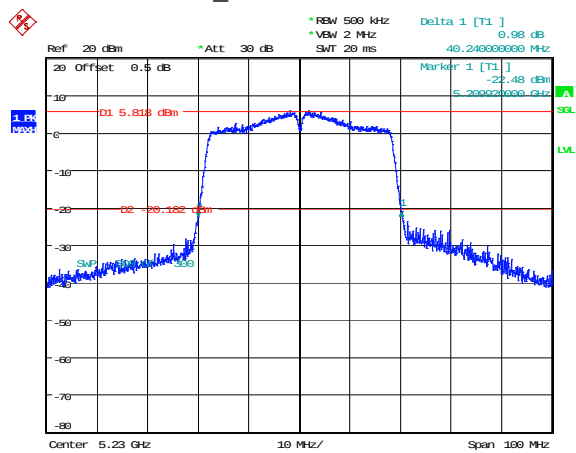


802.11n40\_5190MHz 40.160MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
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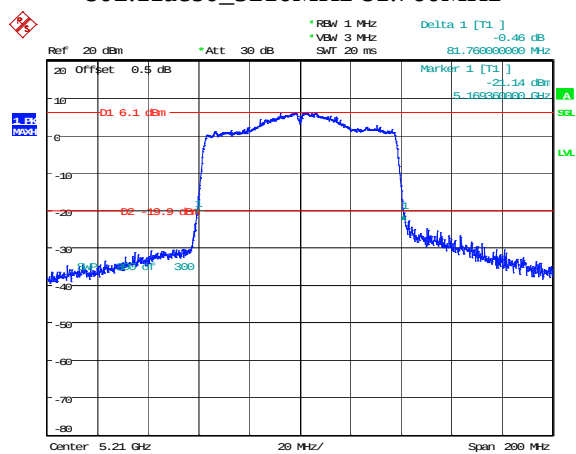
802.11n40\_5230MHz 40.240MHz



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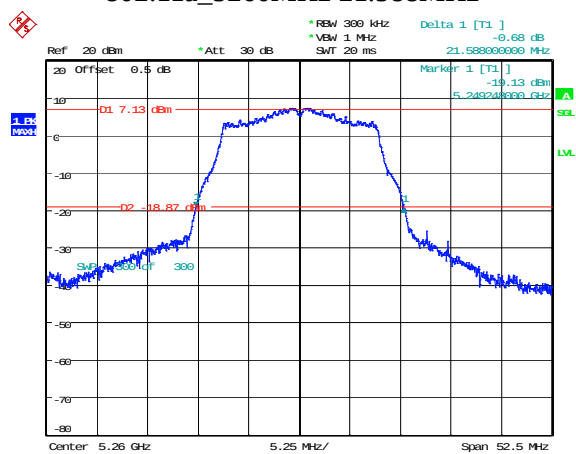
5250-5350MHz

802.11ac80\_5210MHz 81.760MHz



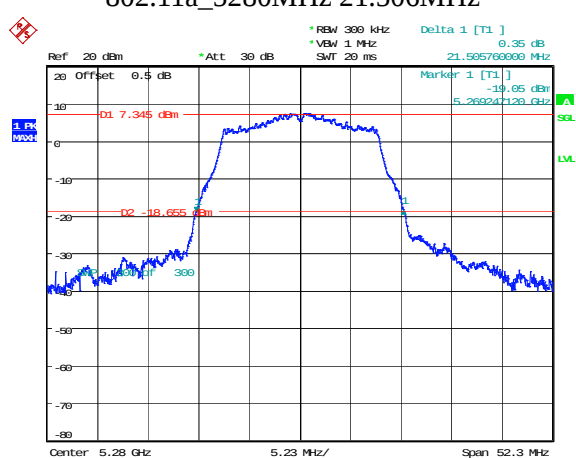
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802.11a\_5260MHz 21.588MHz



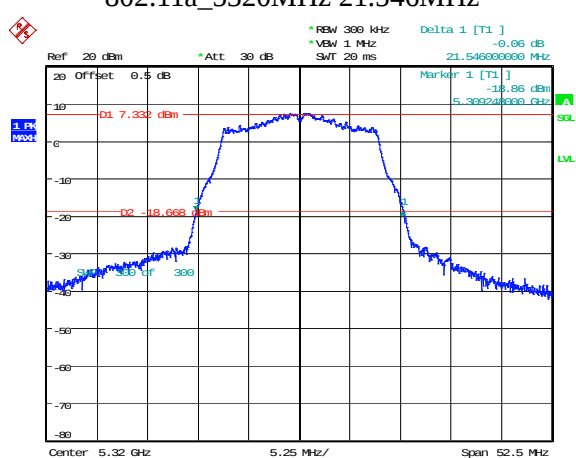
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802.11a\_5280MHz 21.506MHz



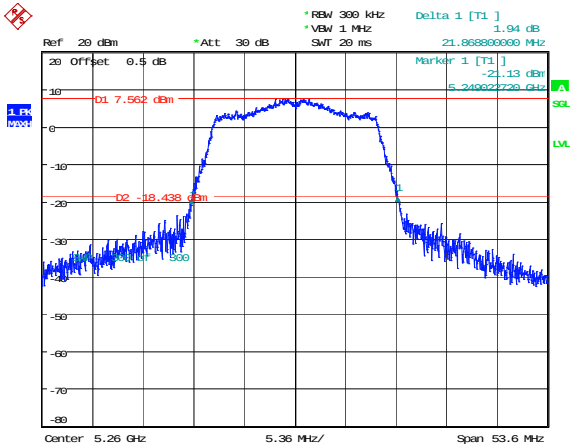
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802.11a\_5320MHz 21.546MHz



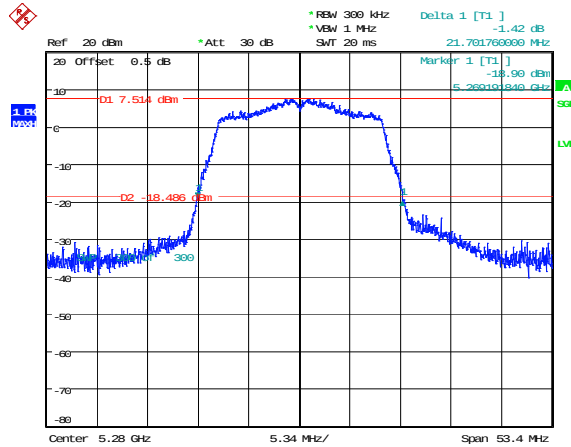
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802.11n20\_5260MHz 21.869MHz



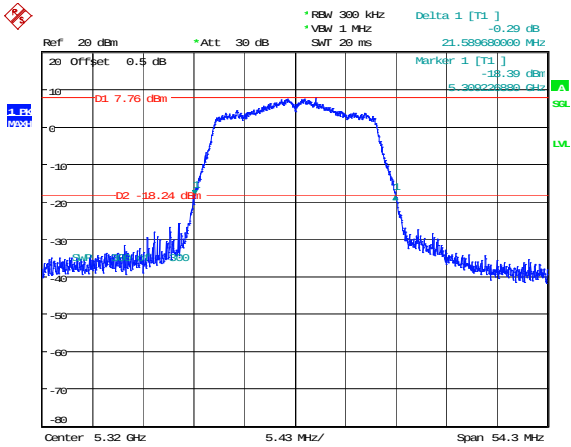
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802.11n20\_5280MHz 21.702MHz



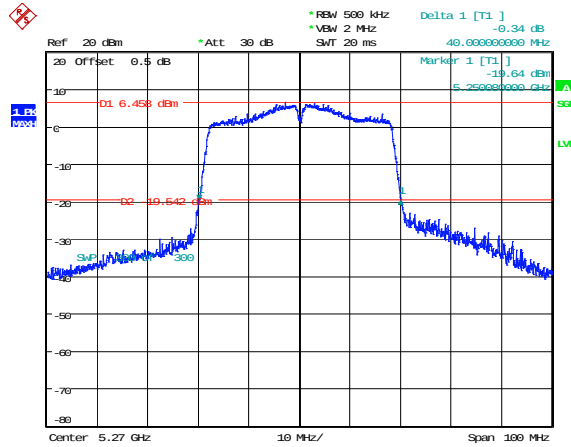
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Date: 8.NOV.2024 15:27:13

802.11n20\_5320MHz 21.590MHz



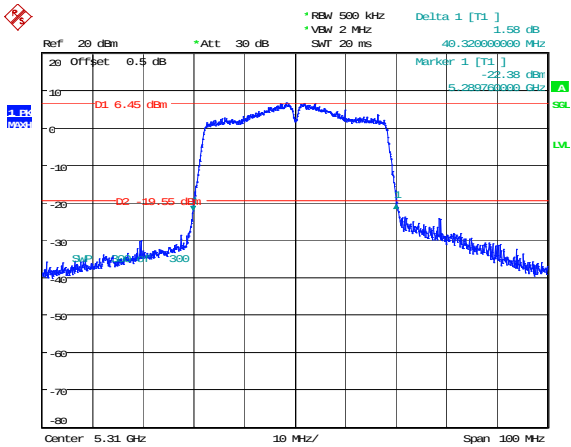
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Date: 8.NOV.2024 15:29:28

802.11n40\_5270MHz 40MHz



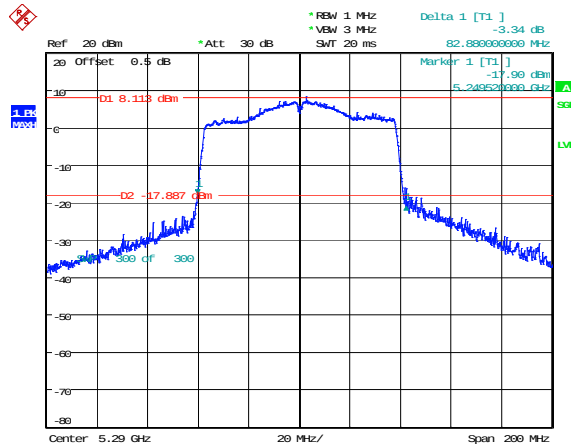
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802.11n40\_5310MHz 40.320MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing LI  
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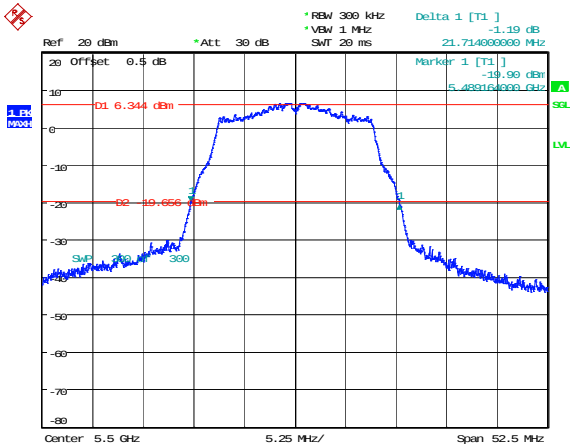
802.11ac80\_5290MHz 82.880MHz



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Date: 8.NOV.2024 15:11:08

5470-5725MHz

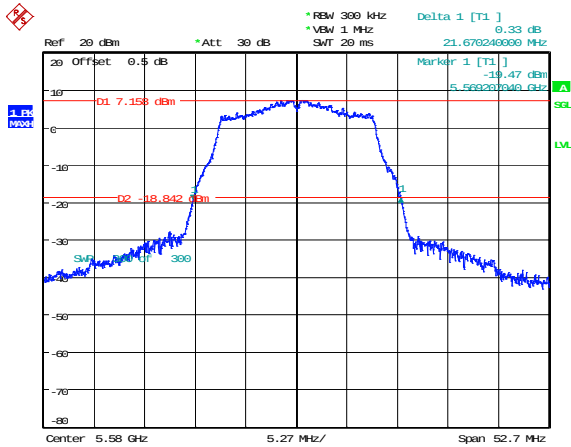
802.11a\_5500MHz 21.714MHz



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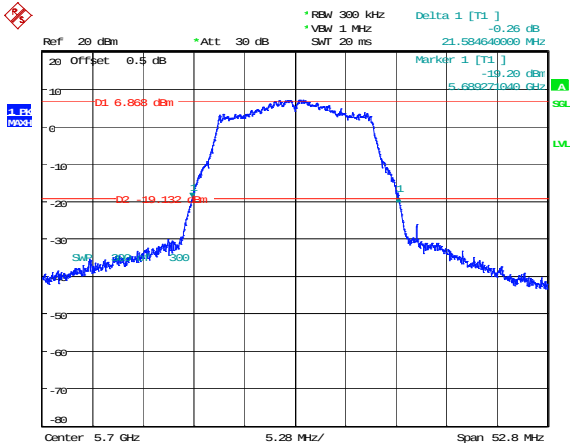
802.11a\_5580MHz 21.670MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li

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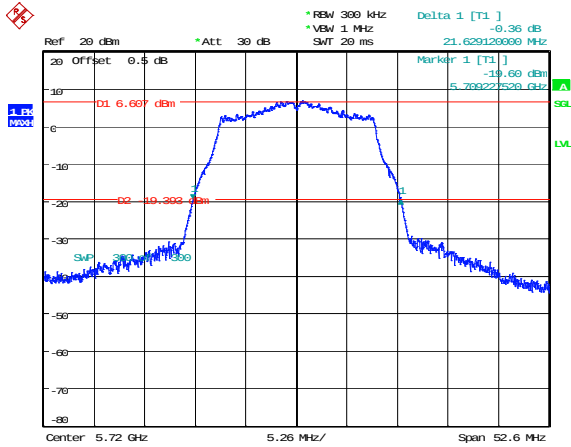
802.11a\_5700MHz 21.585MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li

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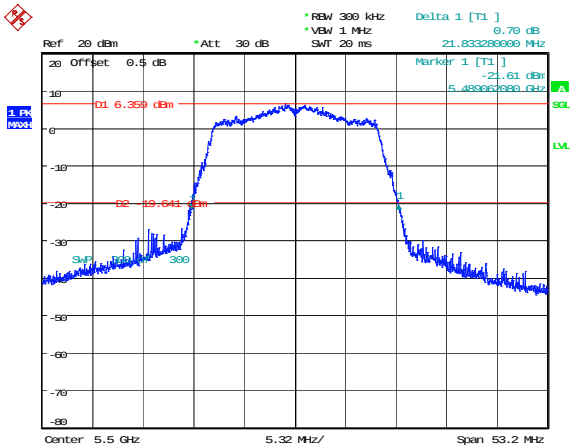
802.11a\_5720MHz 21.629MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li

Date: 8.NOV.2024 15:54:19

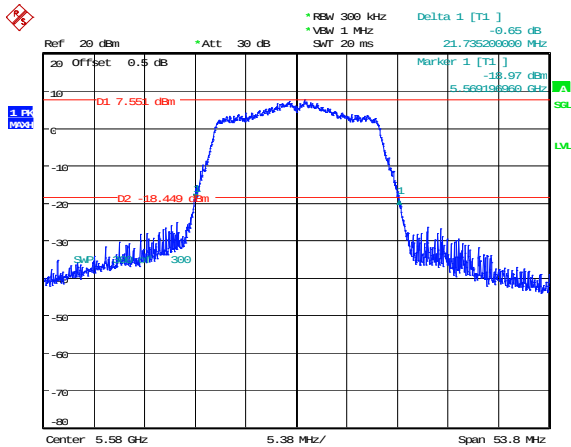
802.11n20\_5500MHz 21.833MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li

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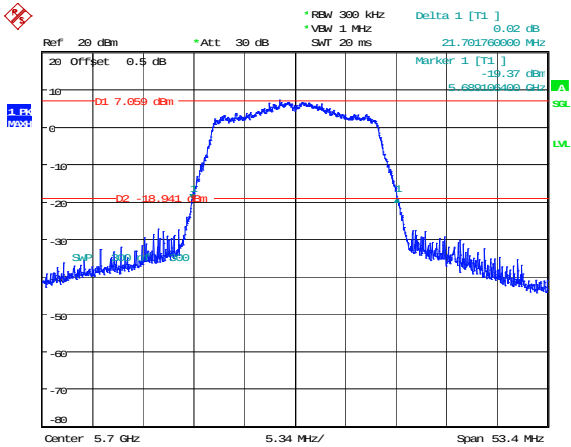
802.11n20\_5580MHz 21.735MHz



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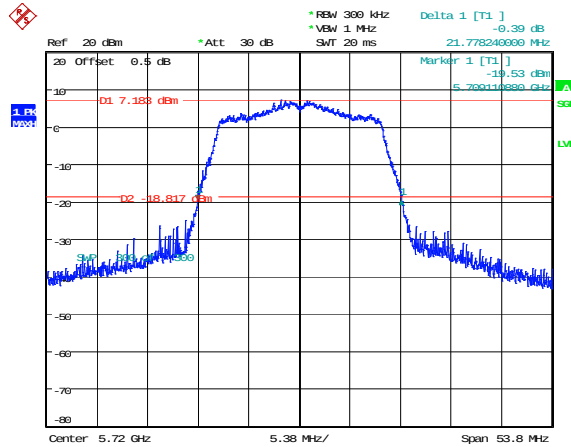
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802.11n20\_5700MHz 21.702MHz



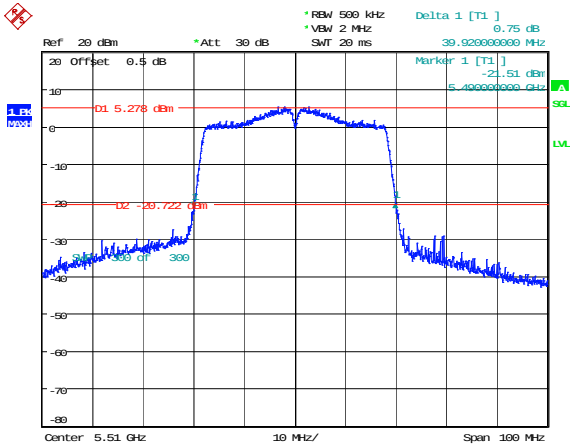
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Date: 9.NOV.2024 16:56:42

802.11n20\_5720MHz 21.778MHz



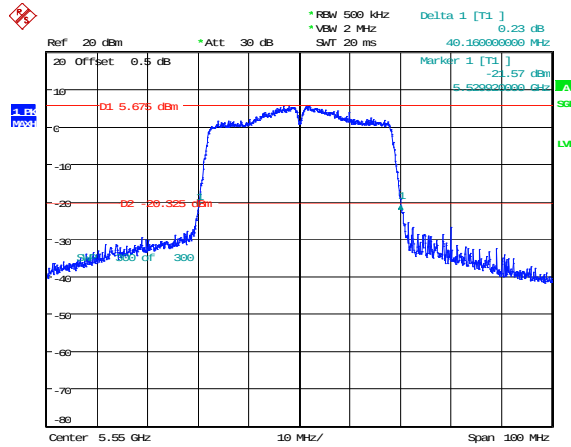
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Date: 9.NOV.2024 16:58:36

802.11n40\_5510MHz 39.920MHz



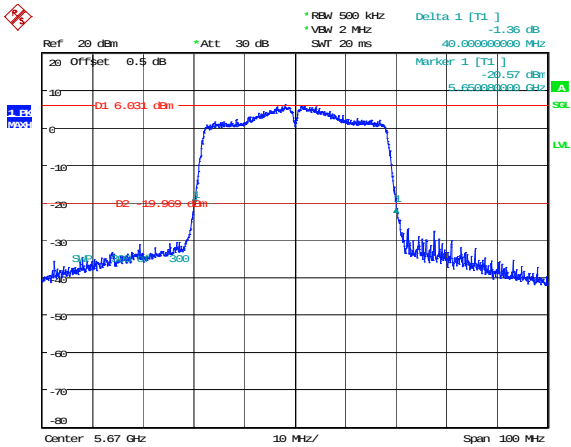
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing LI  
Date: 8.NOV.2024 16:24:37

802.11n40\_5550MHz 40.160MHz



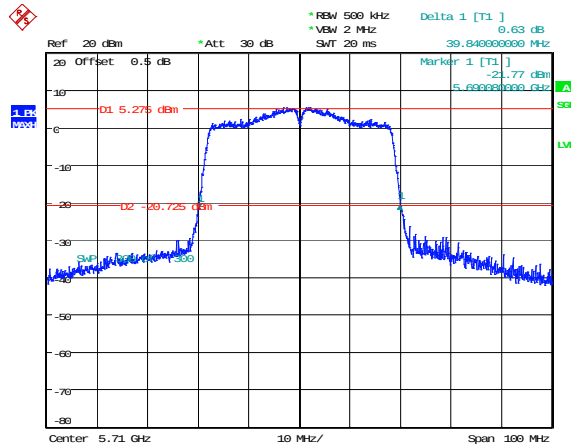
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802.11n40\_5670MHz 40MHz



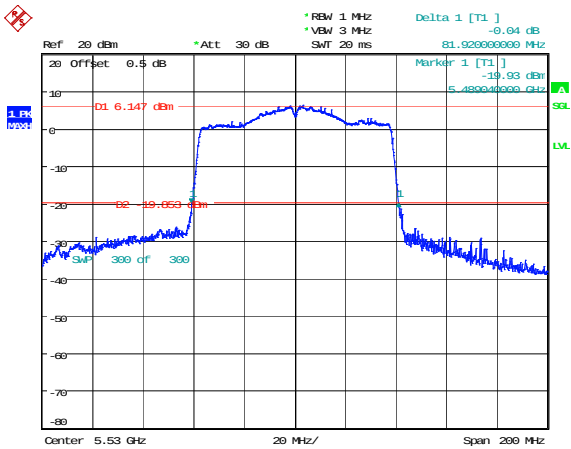
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802.11n40\_5710MHz 39.840MHz



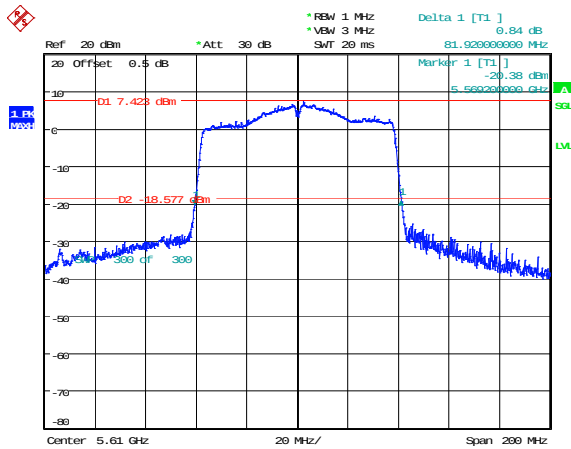
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Date: 8.NOV.2024 16:32:48

802.11ac80\_5530MHz 81.920MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 16:37:33

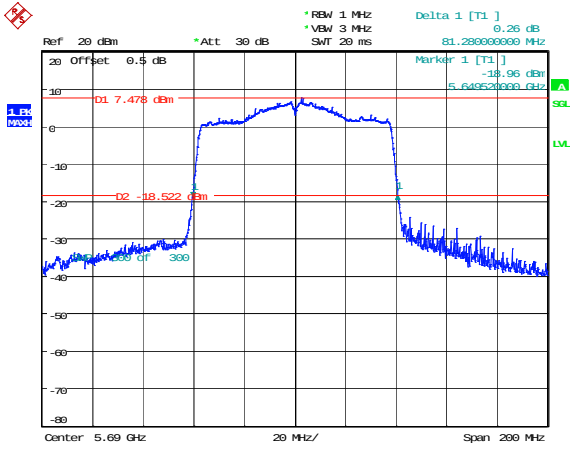
802.11ac80\_5610MHz 81.920MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 16:40:43

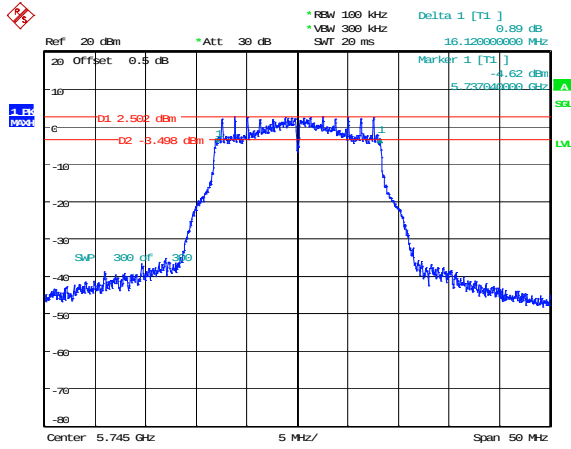
5725-5850MHz

802.11ac80\_5690MHz 81.280MHz



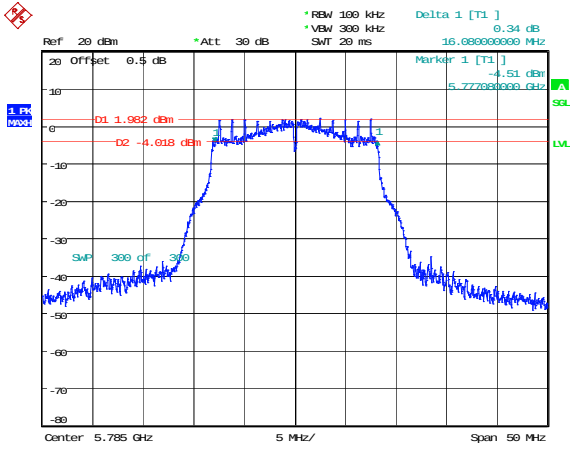
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802.11a\_5745MHz 16.120MHz



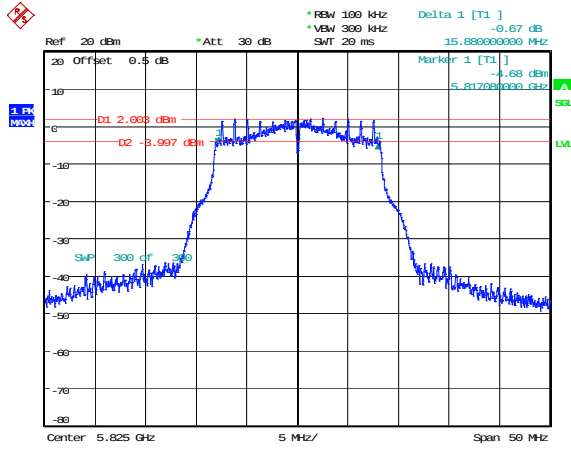
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Date: 9.NOV.2024 16:30:39

802.11a\_5785MHz 16.080MHz



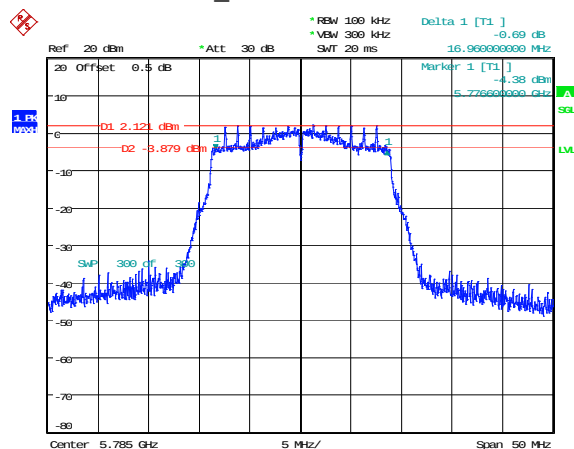
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 9.NOV.2024 16:32:33

802.11a\_5825MHz 15.880MHz



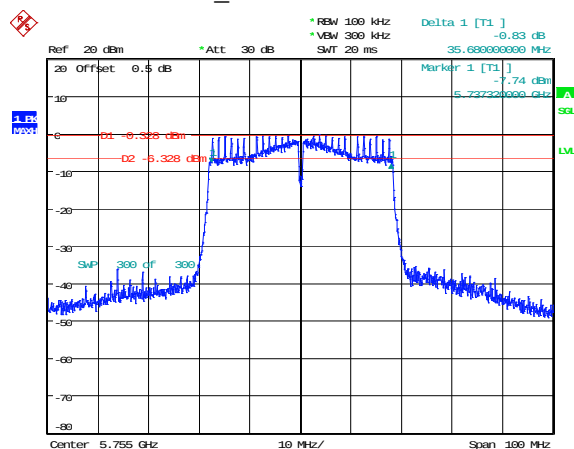
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Date: 9.NOV.2024 16:34:22

802.11n20\_5785MHz 16.960MHz



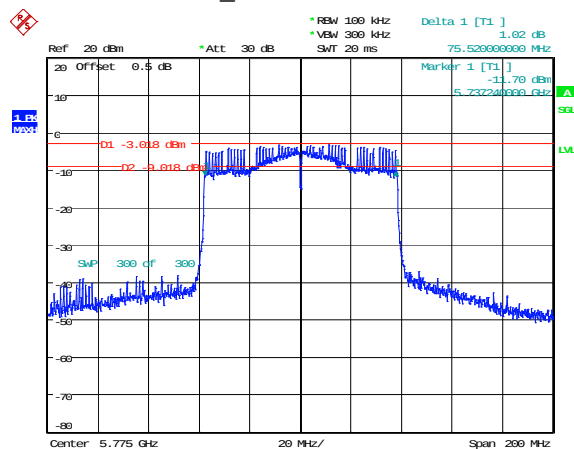
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li  
Date: 9.NOV.2024 16:38:01

802.11n40 5755MHz 35.680MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li  
Date: 9.NOV.2024 16:43:42

802.11ac80 5775MHz 75.520MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling Li  
Date: 9.NOV.2024 16:28:08

**99% Occupied Bandwidth****5150-5250MHz**

| Mode       | Antenna | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|---------|----------------------|---------------|
| 802.11a    | Chain 0 | 5180                 | 16.600        |
|            |         | 5200                 | 16.640        |
|            |         | 5240                 | 16.600        |
| 802.11n20  | Chain 0 | 5180                 | 17.720        |
|            |         | 5200                 | 17.720        |
|            |         | 5240                 | 17.720        |
| 802.11n40  | Chain 0 | 5190                 | 36.320        |
|            |         | 5230                 | 36.240        |
| 802.11ac80 | Chain 0 | 5210                 | 75.360        |

**Note:**

The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

**5250-5350MHz**

| Mode       | Antenna | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|---------|----------------------|---------------|
| 802.11a    | Chain 0 | 5260                 | 16.640        |
|            |         | 5280                 | 16.600        |
|            |         | 5320                 | 16.600        |
| 802.11n20  | Chain 0 | 5260                 | 17.760        |
|            |         | 5280                 | 17.760        |
|            |         | 5320                 | 17.720        |
| 802.11n40  | Chain 0 | 5270                 | 36.320        |
|            |         | 5310                 | 36.160        |
| 802.11ac80 | Chain 0 | 5290                 | 75.360        |

**5470-5725MHz**

| Mode      | Antenna | Test Frequency (MHz) | 99% OBW (MHz) |
|-----------|---------|----------------------|---------------|
| 802.11a   | Chain 0 | 5500                 | 16.600        |
|           |         | 5580                 | 16.600        |
|           |         | 5700                 | 16.640        |
|           |         | 5720                 | 16.640        |
| 802.11n20 | Chain 0 | 5500                 | 17.760        |

| Mode       | Antenna | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|---------|----------------------|---------------|
| 802.11n20  | Chain 0 | 5580                 | 17.760        |
|            |         | 5700                 | 17.720        |
|            |         | 5720                 | 17.720        |
| 802.11n40  | Chain 0 | 5510                 | 36.320        |
|            |         | 5550                 | 36.240        |
|            |         | 5670                 | 36.240        |
|            |         | 5710                 | 36.240        |
| 802.11ac80 | Chain 0 | 5530                 | 75.520        |
|            |         | 5610                 | 75.360        |
|            |         | 5690                 | 75.360        |

**5725-5850MHz**

| Mode       | Antenna | Test Frequency (MHz) | 99% OBW (MHz) |
|------------|---------|----------------------|---------------|
| 802.11a    | Chain 0 | 5745                 | 16.640        |
|            |         | 5785                 | 16.600        |
|            |         | 5825                 | 16.600        |
| 802.11n20  | Chain 0 | 5745                 | 17.760        |
|            |         | 5785                 | 17.720        |
|            |         | 5825                 | 17.720        |
| 802.11n40  | Chain 0 | 5755                 | 36.320        |
|            |         | 5795                 | 36.320        |
| 802.11ac80 | Chain 0 | 5775                 | 75.360        |

**Note:**

The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.



Ref 20 dBm  
 Offset 0.5 dB  
 Alt 30 dB  
 SWT 20 ms  
 Marker 1 [T1]  
 5.18 dBm  
 5.187120000 GHz  
 CW 30.320000000 MHz  
 Temp 1 [T1 CW]  
 1.88 dBm  
 5.171920000 GHz  
 Temp 2 [T1 CW]  
 1.65 dBm  
 5.208240000 GHz  
 Center 5.19 GHz  
 10 MHz/  
 Span 100 MHz

Date: 8.NOV.2024 14:52:33

Ref 20 dBm Att 30 dB RBW 500 kHz VBW 2 MHz SWT 20 ms  
 Marker 1 [T1 ] 5.98 dBm 5.228860000 GHz  
 20 Offset 0.5 dB  
 DBW 35.240000000 MHz Temp 1 [T1 DBW] 0.05 dBm  
 5.211920000 GHz 2 [T1 DBW] 0.69 dBm  
 5.248160000 GHz  
 Center 5.23 GHz 10 MHz/ Span 180 MHz

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Ref 20 dBm  
 \*Att 30 dB  
 \*BW 1 MHz  
 \*VBW 3 MHz  
 SWT 20 ms

Marker 1 [T1]  
 5.99 dB  
 5.21268000 GHz

Offset 0.5 dB  
 dBW 75.36900000 MHz  
 Temp 1 [T1 0dB]  
 -0.73 dB  
 5.17250000 GHz  
 2 [T1 0dB]  
 -0.59 dB  
 5.24792000 GHz

Center 5.21 GHz  
 20 MHz/  
 Span 200 MHz

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\*RBW 200 kHz  
 \*VBW 1 MHz  
 SWF 20 ms

Ref 20 dBm  
 Att 30 dB

Marker 1 [T1] 5.262 dBm  
 5.260480000 GHz

20 Offset 6.5 dB  
 10  
 0  
 -10  
 -20  
 -30  
 -40  
 -50  
 -60  
 -70  
 -80

OBW 5.648000000 MHz  
 Temp 1 [T1 OBW] 4.80 dBm  
 5.251680000 GHz  
 2 [T1 OBW] -1.71 dBm  
 5.288320000 GHz

SWF 200 kHz  
 200 kHz  
 200 kHz

Center 5.26 GHz  
 5 MHz/  
 Span 50 MHz

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1.00

1.00

Ref 20 dBm

ALT 30 dB

RBW 200 kHz

VBW 1 MHz

SWT 20 ms

Marker 1 [T1 GHz]

6.11 dBm

5.289443333 GHz

20 Offset 0.5 dB

OSW 15.600000000 MHz

Temp 1 [T1 GHz]

4.32 dBm

5.271720000 GHz

Temp 2 [T1 GHz]

5.283200000 GHz

Center 5.28 GHz

5 MHz/

Span 50 MHz

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1.9V RMS

Offset 20 dBm

\*Alt 30 dB

REW 200 kHz

VBW 1 MHz

SWT 20 ms

Marker 1 [T1] 6.17 dBm 5.329480000 GHz

Offset 16.600000000 MHz

Temp 1 [T1 Off] 1.30 dBm

5.316800000 GHz

Temp 2 [T1 Off] 1.34 dBm

5.328200000 GHz

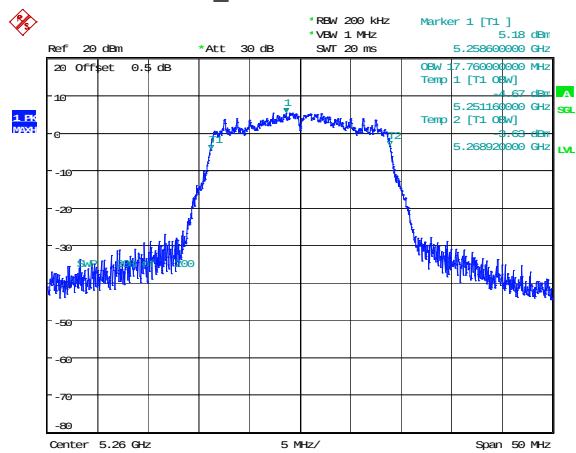
Center 5.32 GHz

5 MHz/

Span 50 MHz

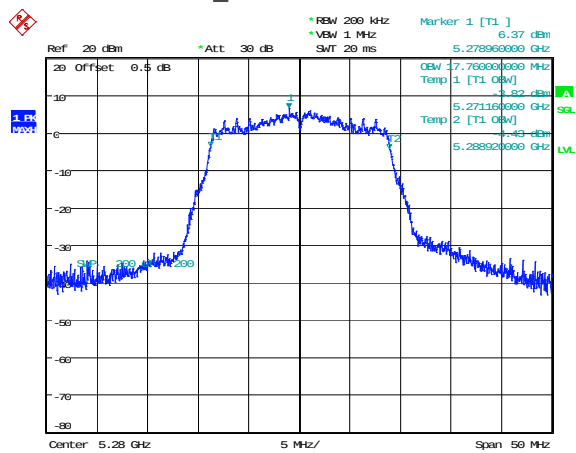
Date: 8.NOV.2024 15:22:53

802.11n20\_5260MHz 17.760MHz



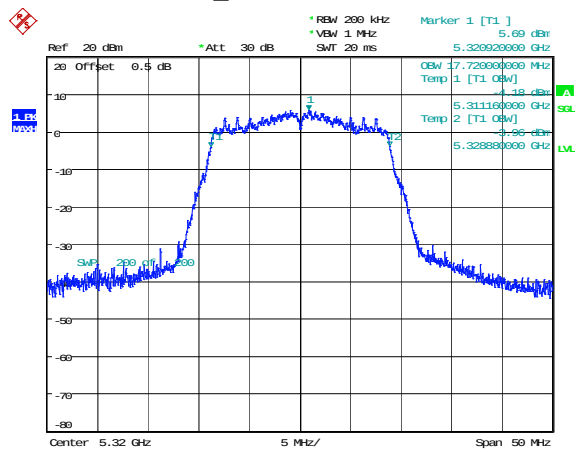
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 15:25:10

802.11n20\_5280MHz 17.760MHz



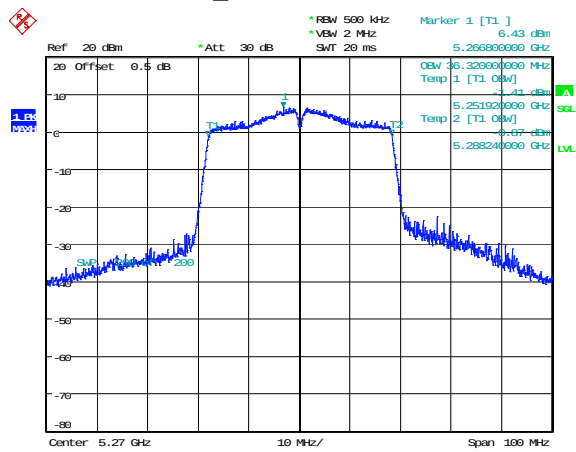
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Date: 8.NOV.2024 15:27:40

802.11n20\_5320MHz 17.720MHz



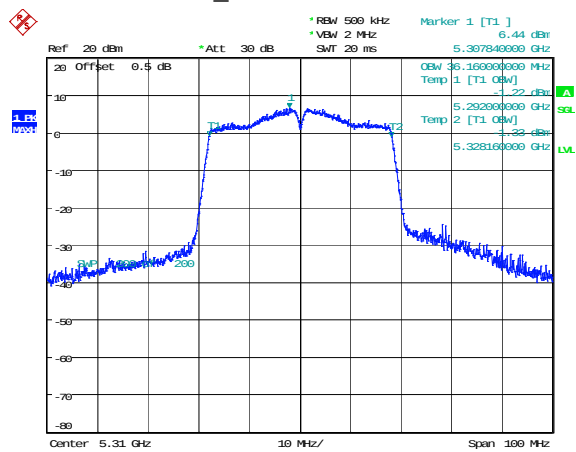
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Date: 8.NOV.2024 15:29:55

802.11n40\_5270MHz 36.320MHz



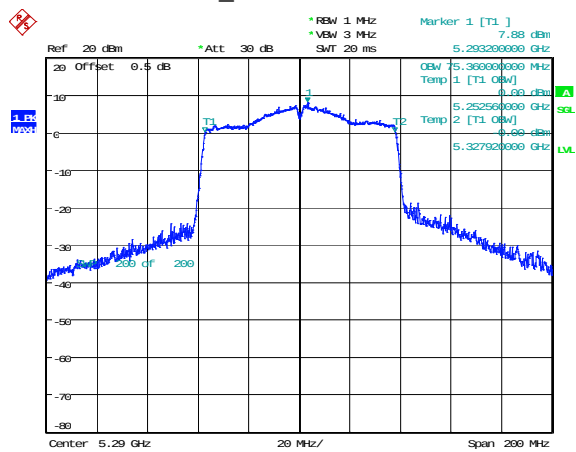
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Date: 8.NOV.2024 15:32:15

802.11n40\_5310MHz 36.160MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 15:34:25

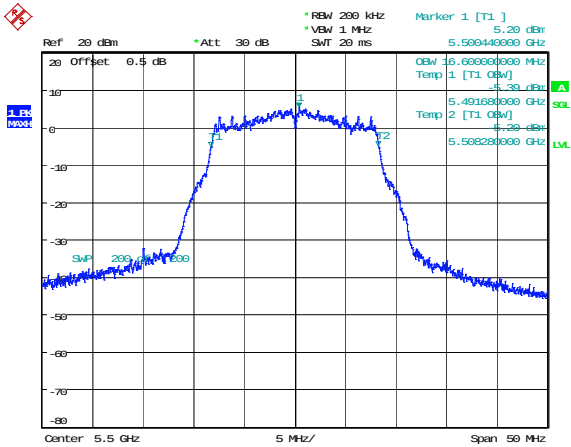
802.11ac80\_5290MHz 75.360MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 15:11:46

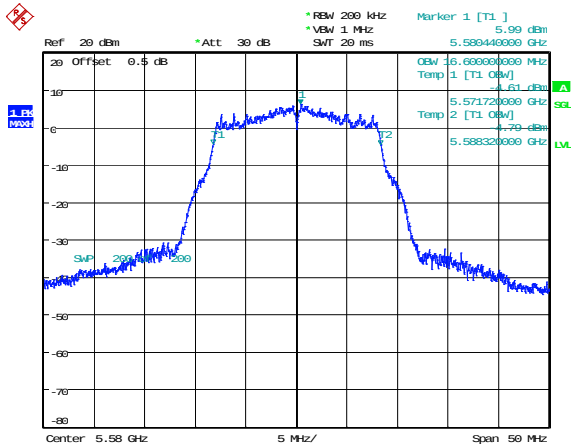
5470-5725MHz

802.11a\_5500MHz 16.600MHz



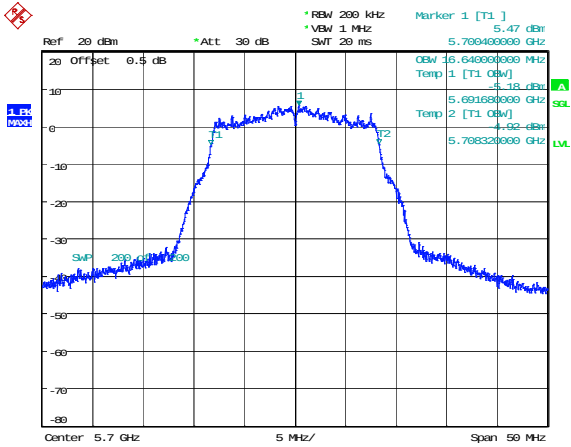
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Date: 8.NOV.2024 15:45:34

802.11a\_5580MHz 16.600MHz



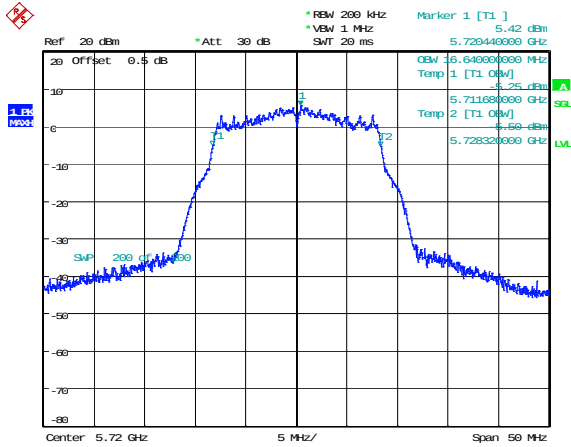
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Date: 8.NOV.2024 15:47:48

802.11a\_5700MHz 16.640MHz



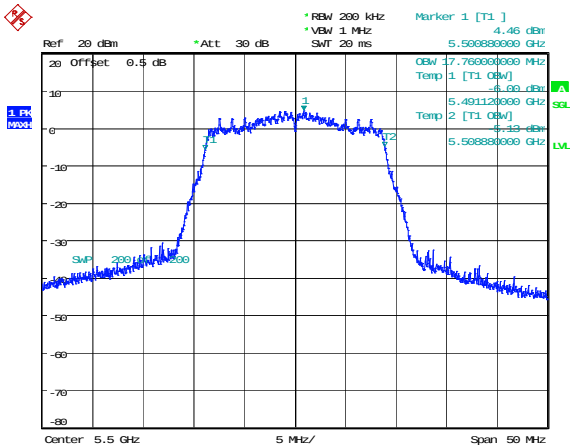
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Date: 8.NOV.2024 15:50:02

802.11a\_5720MHz 16.640MHz



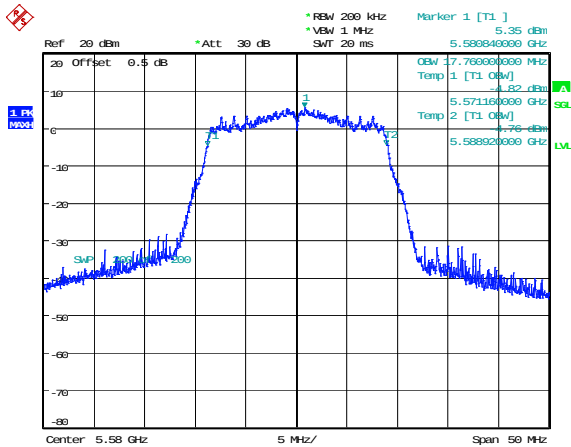
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802.11n20\_5500MHz 17.760MHz



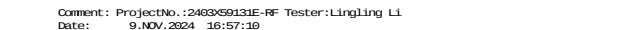
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802.11n20\_5580MHz 17.760MHz

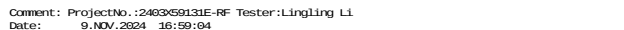


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Date: 9.NOV.2024 16:55:19

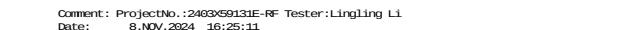
802.11n20\_5700MHz 17.720MHz



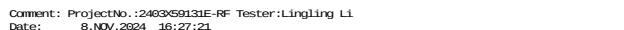
802.11n20\_5720MHz 17.720MHz



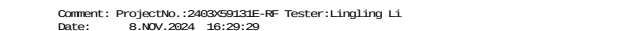
REW 500 kHz Marker 1 [T1]



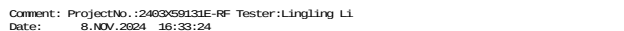
\* RBW 500 kHz      Marker 1 [T1]



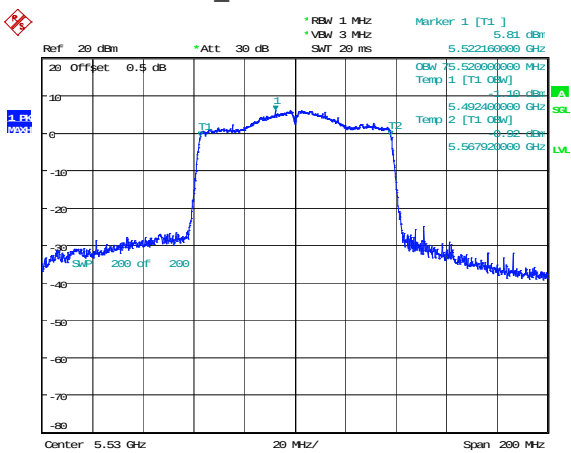
RBW 500 kHz Marker 1 [T1]



RESW 500 kHz Marker 1 [T1]

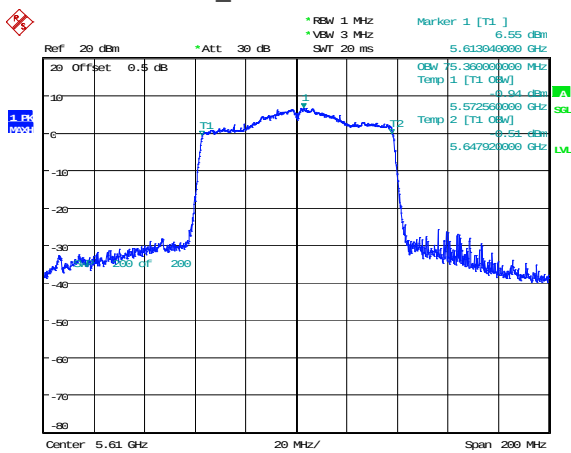


802.11ac80\_5530MHz 75.520MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 16:38:08

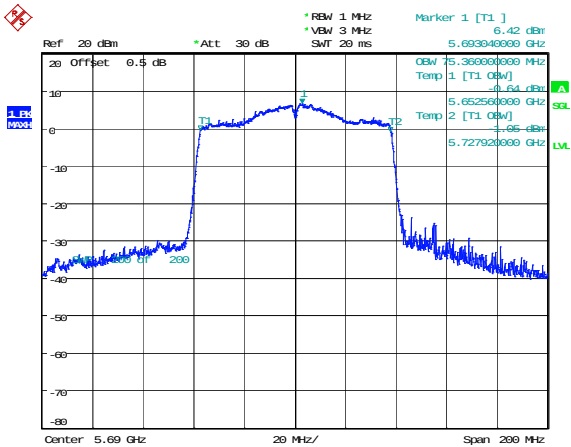
802.11ac80\_5610MHz 75.360MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 16:41:19

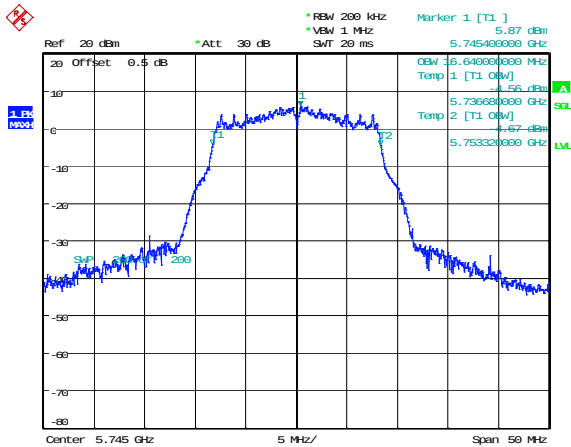
5725-5850MHz

802.11ac80\_5690MHz 75.360MHz



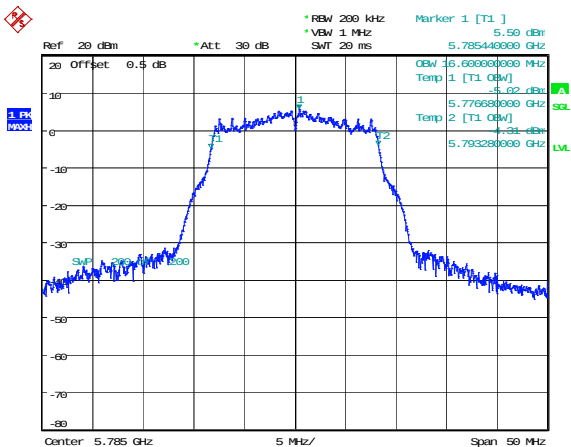
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Date: 8.NOV.2024 16:43:46

802.11a\_5745MHz 16.640MHz



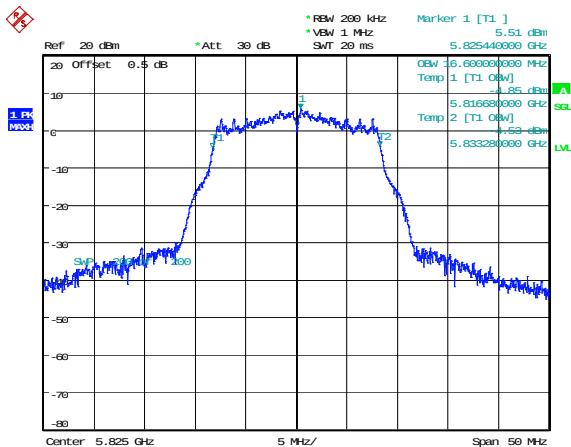
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Date: 9.NOV.2024 16:31:08

802.11a\_5785MHz 16.600MHz



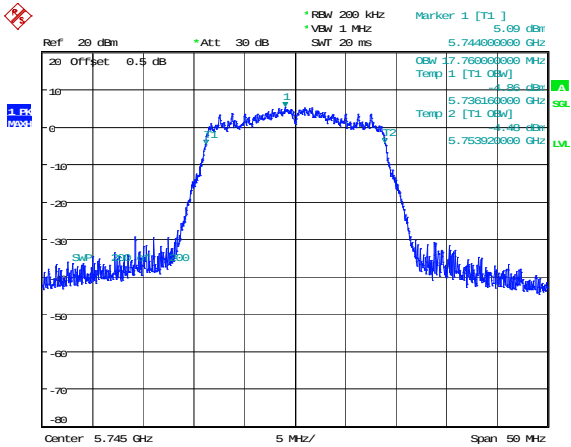
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Date: 9.NOV.2024 16:33:02

802.11a\_5825MHz 16.600MHz



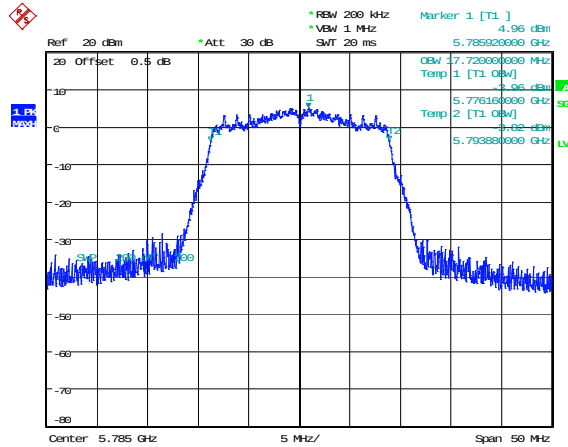
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 9.NOV.2024 16:34:51

802.11n20\_5745MHz 17.760MHz



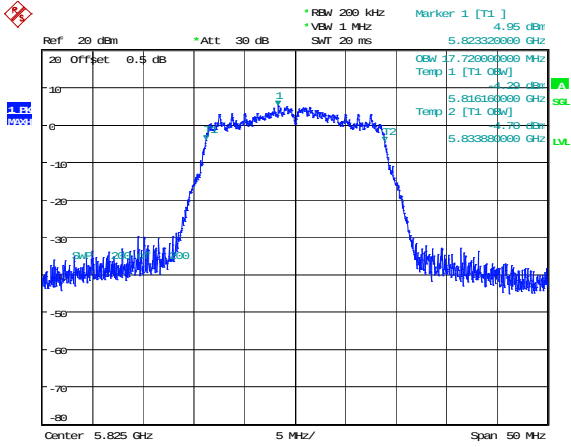
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Date: 9.NOV.2024 16:36:43

802.11n20\_5785MHz 17.720MHz



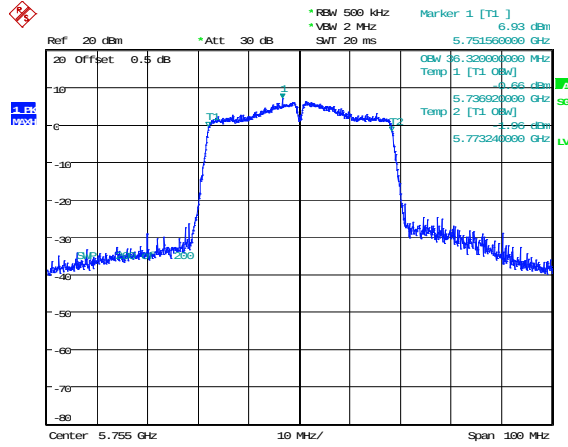
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Date: 9.NOV.2024 16:38:30

802.11n20\_5825MHz 17.720MHz



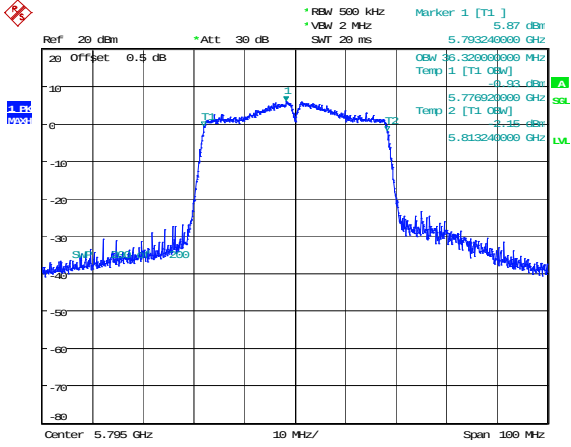
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Date: 9.NOV.2024 16:42:02

802.11n40\_5755MHz 36.320MHz



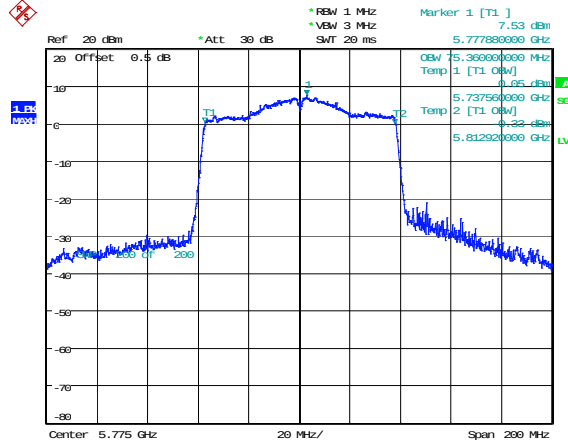
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Date: 9.NOV.2024 16:44:20

802.11n40\_5795MHz 36.320MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:46:34

802.11ac80\_5775MHz 75.360MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:28:50

**Power Spectral Density****5150-5250MHz**

| Mode       | Antenna | Test Frequency (MHz) | Reading (dBm/MHz) | Duty Cycle Factor(dB) | Result (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|------------|---------|----------------------|-------------------|-----------------------|------------------|-----------------|---------|
| 802.11a    | Chain 0 | 5180                 | 2.73              | 0.31                  | 3.04             | 11              | Pass    |
|            |         | 5200                 | 2.86              | 0.31                  | 3.17             | 11              | Pass    |
|            |         | 5240                 | 3.30              | 0.31                  | 3.61             | 11              | Pass    |
| 802.11n20  | Chain 0 | 5180                 | 1.93              | 0.33                  | 2.26             | 11              | Pass    |
|            |         | 5200                 | 1.78              | 0.33                  | 2.11             | 11              | Pass    |
|            |         | 5240                 | 2.17              | 0.33                  | 2.50             | 11              | Pass    |
| 802.11n40  | Chain 0 | 5190                 | -3.40             | 0.59                  | -2.81            | 11              | Pass    |
|            |         | 5230                 | -1.19             | 0.59                  | -0.60            | 11              | Pass    |
| 802.11ac80 | Chain 0 | 5210                 | -8.03             | 1.13                  | -6.90            | 11              | Pass    |

**5250-5350MHz**

| Mode       | Antenna | Test Frequency (MHz) | Reading (dBm/MHz) | Duty Cycle Factor(dB) | Result (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|------------|---------|----------------------|-------------------|-----------------------|------------------|-----------------|---------|
| 802.11a    | Chain 0 | 5260                 | 3.80              | 0.31                  | 4.11             | 11              | Pass    |
|            |         | 5280                 | 4.02              | 0.31                  | 4.33             | 11              | Pass    |
|            |         | 5320                 | 4.12              | 0.31                  | 4.43             | 11              | Pass    |
| 802.11n20  | Chain 0 | 5260                 | 3.01              | 0.33                  | 3.34             | 11              | Pass    |
|            |         | 5280                 | 2.77              | 0.33                  | 3.10             | 11              | Pass    |
|            |         | 5320                 | 2.34              | 0.33                  | 2.67             | 11              | Pass    |
| 802.11n40  | Chain 0 | 5270                 | -1.98             | 0.59                  | -1.39            | 11              | Pass    |
|            |         | 5310                 | -1.96             | 0.59                  | -1.37            | 11              | Pass    |
| 802.11ac80 | Chain 0 | 5290                 | -8.95             | 1.13                  | -7.82            | 11              | Pass    |

**5470-5725MHz**

| Mode    | Antenna | Test Frequency (MHz) | Reading (dBm/MHz) | Duty Cycle Factor(dB) | Result (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|---------|---------|----------------------|-------------------|-----------------------|------------------|-----------------|---------|
| 802.11a | Chain 0 | 5500                 | 3.21              | 0.31                  | 3.52             | 11              | Pass    |
|         |         | 5580                 | 3.55              | 0.31                  | 3.86             | 11              | Pass    |
|         |         | 5700                 | 2.91              | 0.31                  | 3.22             | 11              | Pass    |
|         |         | 5720                 | 1.98              | 0.31                  | 2.29             | 11              | Pass    |

| Mode       | Antenna | Test Frequency (MHz) | Reading (dBm/MHz) | Duty Cycle Factor(dB) | Result (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|------------|---------|----------------------|-------------------|-----------------------|------------------|-----------------|---------|
| 802.11n20  | Chain 0 | 5500                 | 2.39              | 0.33                  | 2.72             | 11              | Pass    |
|            |         | 5580                 | 2.26              | 0.33                  | 2.59             | 11              | Pass    |
|            |         | 5700                 | 2.14              | 0.33                  | 2.47             | 11              | Pass    |
|            |         | 5720                 | 2.07              | 0.33                  | 2.40             | 11              | Pass    |
| 802.11n40  | Chain 0 | 5510                 | -4.31             | 0.59                  | -3.72            | 11              | Pass    |
|            |         | 5550                 | -4.09             | 0.59                  | -3.50            | 11              | Pass    |
|            |         | 5670                 | -2.21             | 0.59                  | -1.62            | 11              | Pass    |
|            |         | 5710                 | -3.70             | 0.59                  | -3.11            | 11              | Pass    |
| 802.11ac80 | Chain 0 | 5530                 | -9.78             | 1.13                  | -8.65            | 11              | Pass    |
|            |         | 5610                 | -8.41             | 1.13                  | -7.28            | 11              | Pass    |
|            |         | 5690                 | -10.86            | 1.13                  | -9.73            | 11              | Pass    |

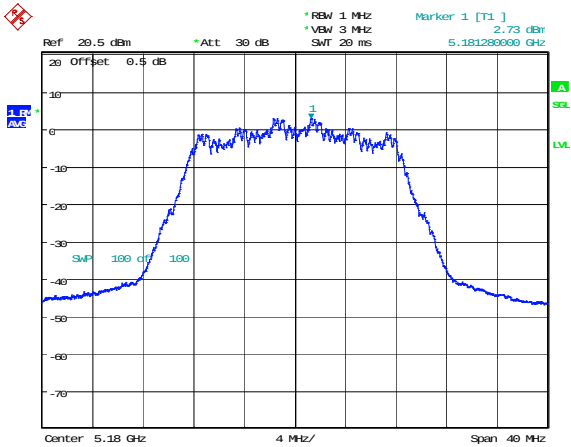
**5725-5850MHz**

| Mode       | Antenna | Test Frequency (MHz) | Reading(dBm /500kHz) | Duty Cycle Factor(dB) | Result(dBm /500kHz) | Limit(dBm /500kHz) | Verdict |
|------------|---------|----------------------|----------------------|-----------------------|---------------------|--------------------|---------|
| 802.11a    | Chain 0 | 5745                 | 0.99                 | 0.31                  | 1.30                | 30                 | Pass    |
|            |         | 5785                 | 0.65                 | 0.31                  | 0.96                | 30                 | Pass    |
|            |         | 5825                 | -0.18                | 0.31                  | 0.13                | 30                 | Pass    |
| 802.11n20  | Chain 0 | 5745                 | 0.17                 | 0.33                  | 0.50                | 30                 | Pass    |
|            |         | 5785                 | -0.40                | 0.33                  | -0.07               | 30                 | Pass    |
|            |         | 5825                 | -0.31                | 0.33                  | 0.02                | 30                 | Pass    |
| 802.11n40  | Chain 0 | 5755                 | -5.20                | 0.59                  | -4.61               | 30                 | Pass    |
|            |         | 5795                 | -6.16                | 0.59                  | -5.57               | 30                 | Pass    |
| 802.11ac80 | Chain 0 | 5775                 | -9.54                | 1.13                  | -8.41               | 30                 | Pass    |

**Result = Reading + Duty Cycle Factor**

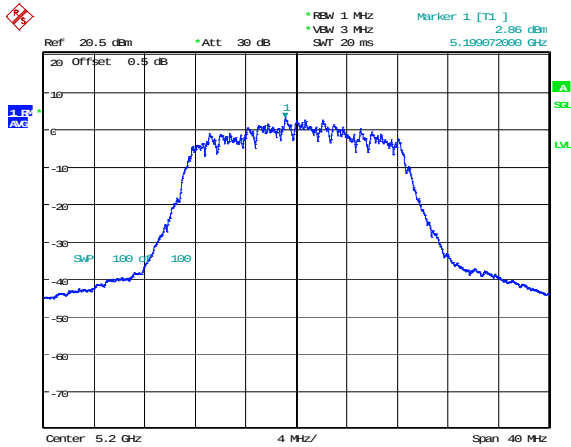
5150-5250MHz

802.11a\_5180MHz



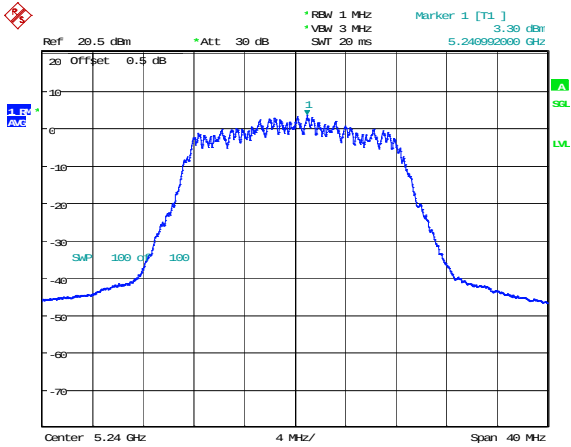
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Date: 8.NOV.2024 14:35:24

802.11a\_5200MHz



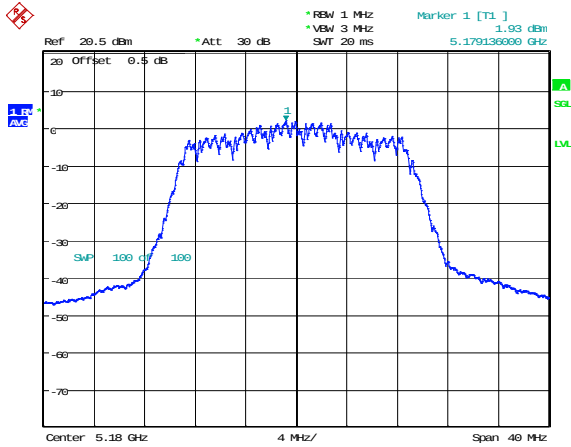
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Date: 8.NOV.2024 14:37:22

802.11a\_5240MHz



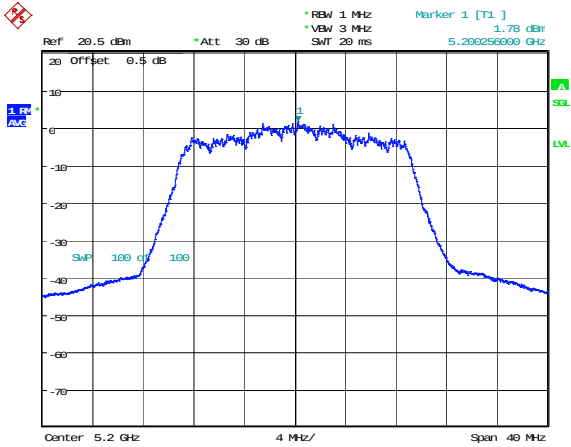
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Date: 8.NOV.2024 14:43:17

802.11n20\_5180MHz



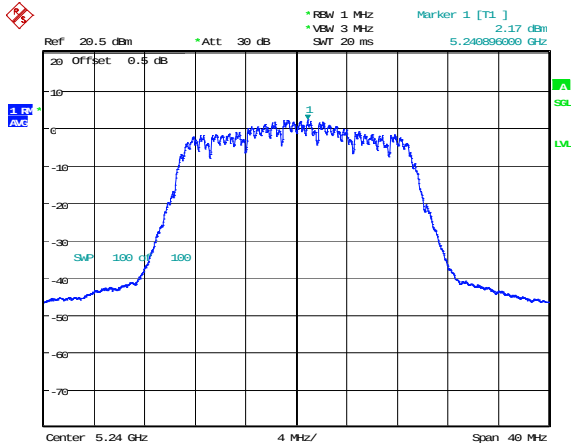
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Date: 8.NOV.2024 14:45:28

802.11n20\_5200MHz



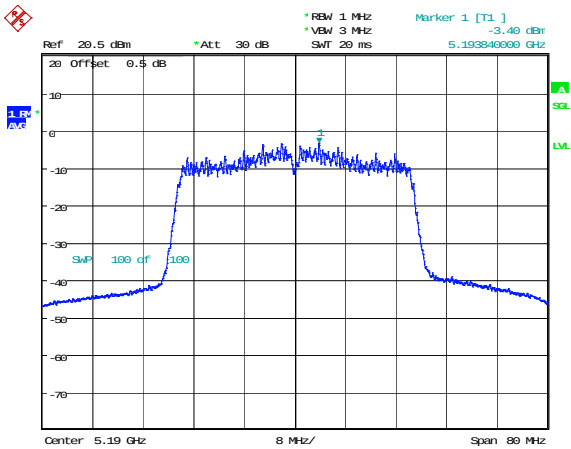
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802.11n20\_5240MHz



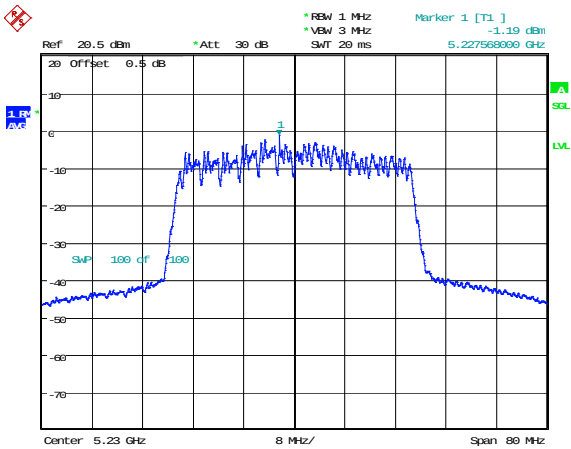
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:50:07

802.11n40\_5190MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:53:16

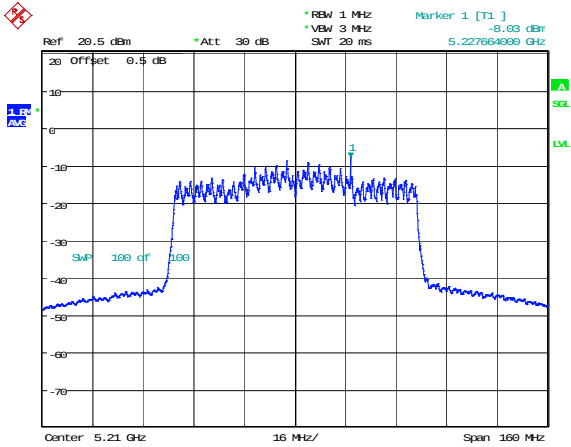
802.11n40\_5230MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:55:35

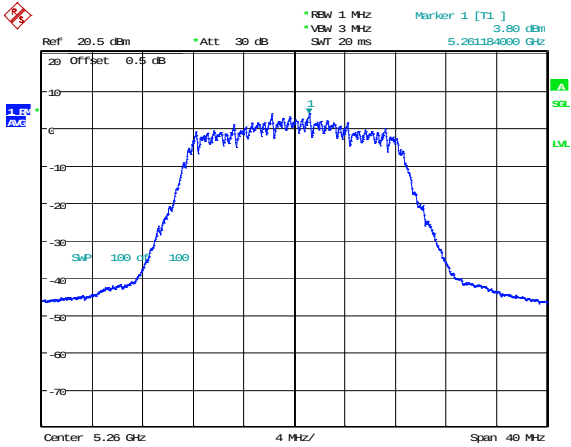
5250-5350MHz

802.11ac80\_5210MHz



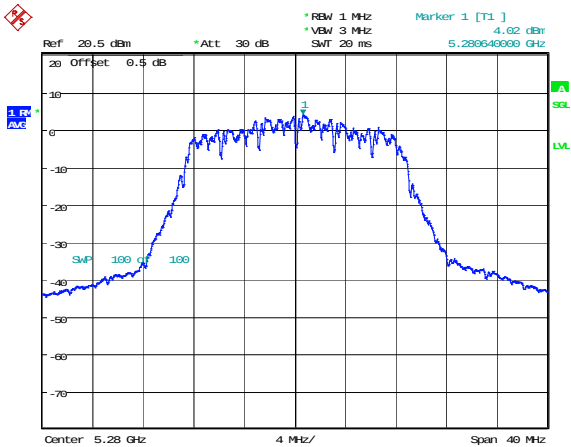
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Date: 8.NOV.2024 14:58:33

802.11a\_5260MHz



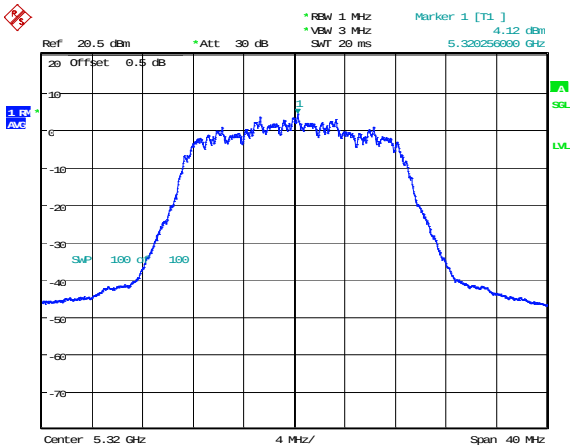
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Date: 8.NOV.2024 15:16:18

802.11a\_5280MHz



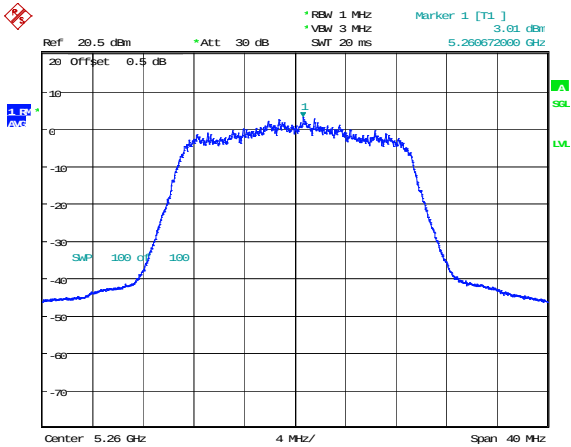
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Date: 8.NOV.2024 15:21:21

802.11a\_5320MHz



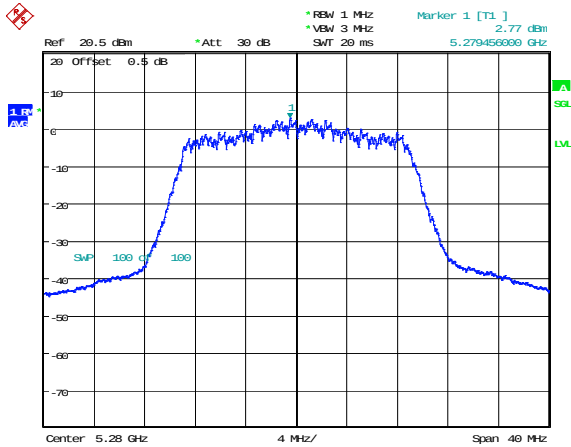
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Date: 8.NOV.2024 15:23:35

802.11n20\_5260MHz



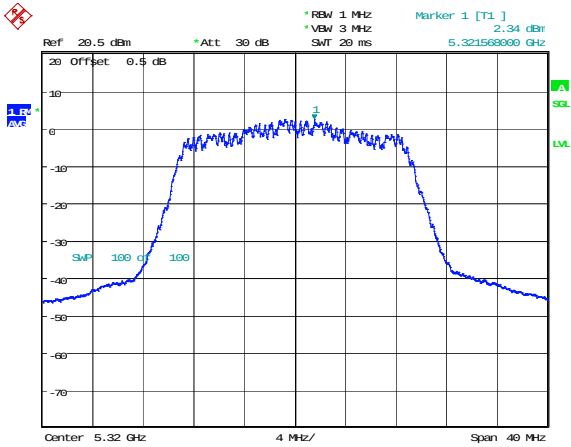
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing LI  
Date: 8.NOV.2024 15:25:51

802.11n20\_5280MHz



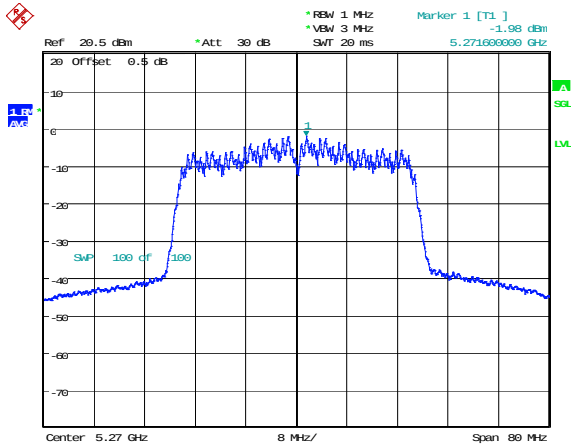
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Date: 8.NOV.2024 15:28:22

802.11n20\_5320MHz



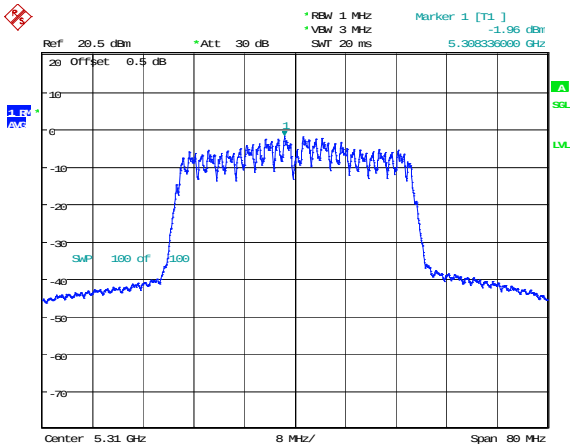
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Date: 8.NOV.2024 15:30:44

802.11n40\_5270MHz



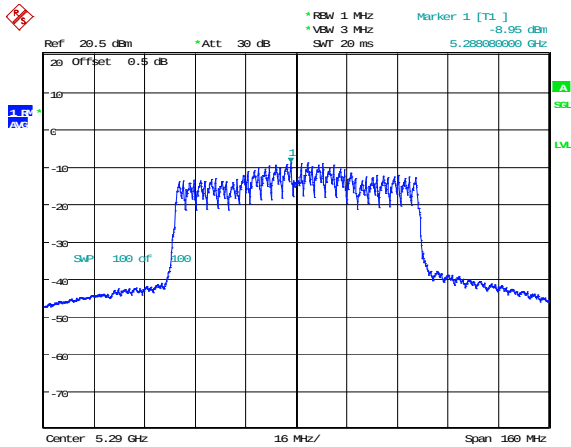
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Date: 8.NOV.2024 15:32:57

802.11n40\_5310MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing LI  
Date: 8.NOV.2024 15:35:07

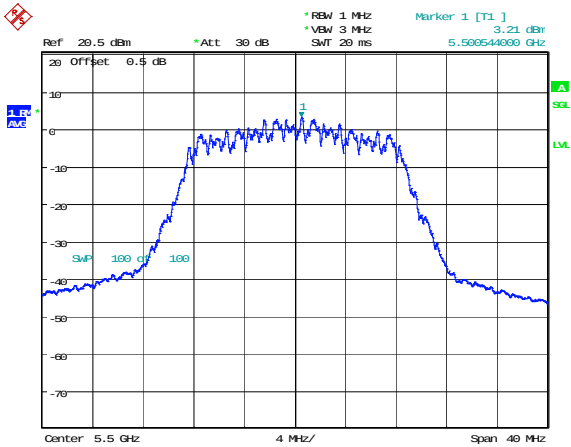
802.11ac80\_5290MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing LI  
Date: 8.NOV.2024 15:12:35

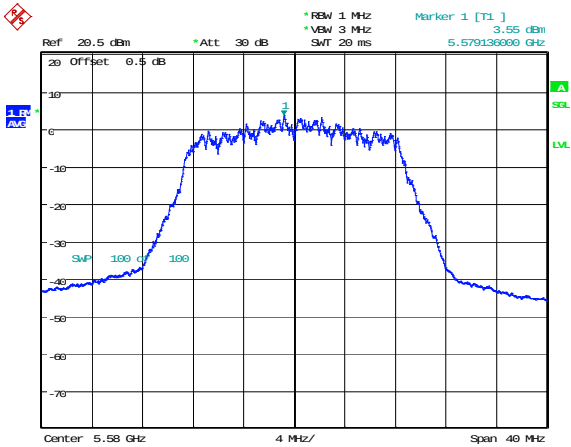
5470-5725MHz

802.11a\_5500MHz



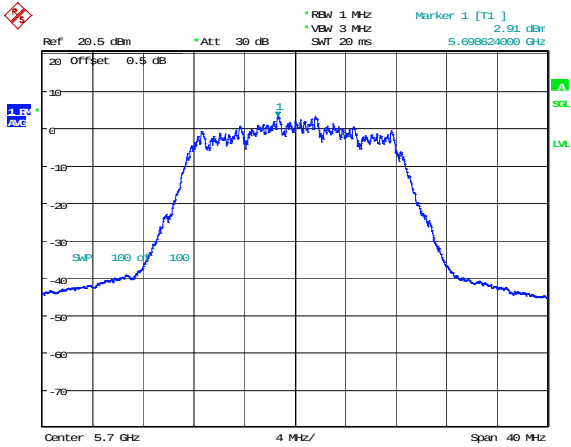
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 15:46:16

802.11a\_5580MHz



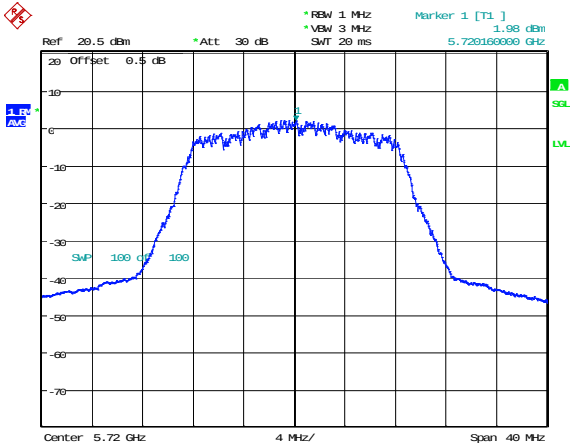
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 15:48:30

802.11a\_5700MHz



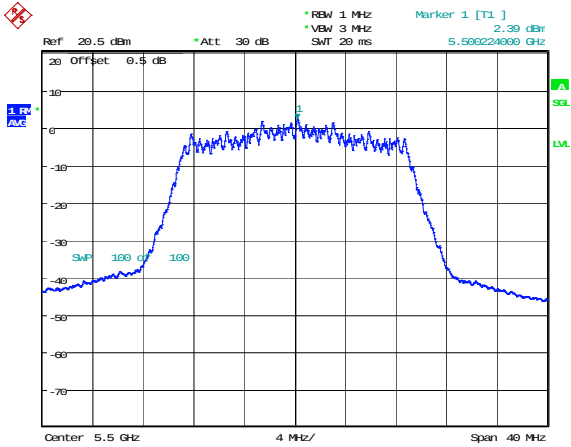
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 15:53:07

802.11a\_5720MHz



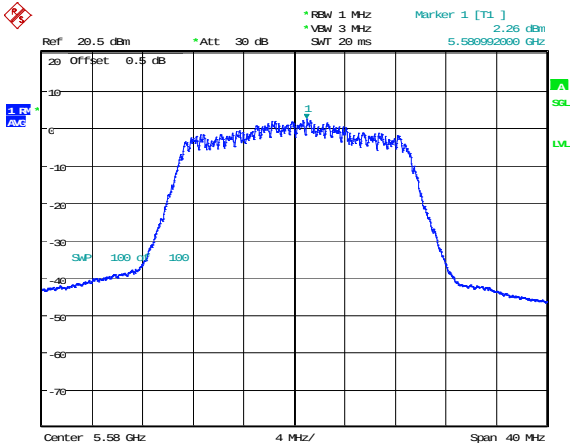
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 15:55:27

802.11n20\_5500MHz



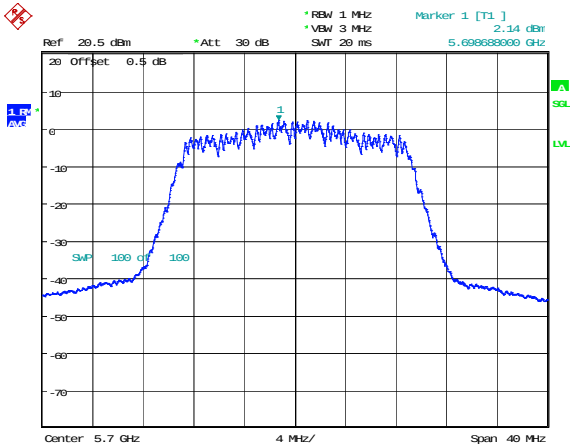
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 15:57:49

802.11n20\_5580MHz



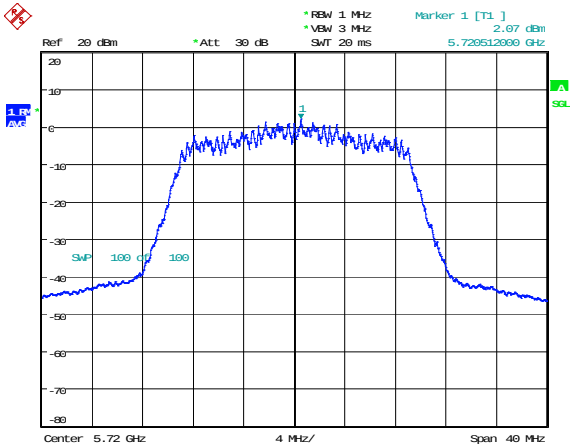
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 9.NOV.2024 16:55:37

802.11n20\_5700MHz



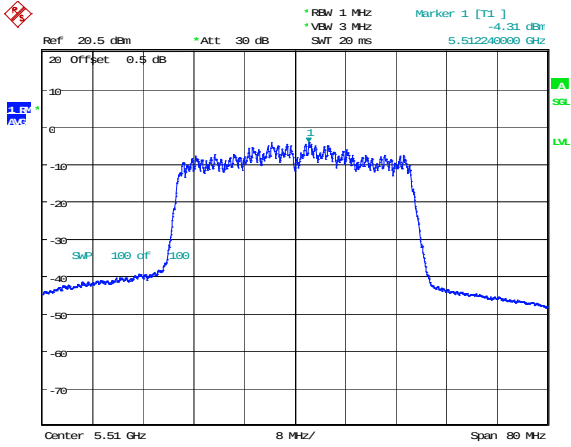
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:57:28

802.11n20\_5720MHz



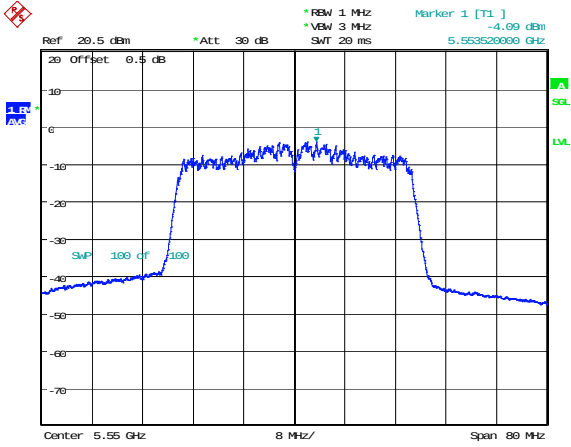
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 16:18:16

802.11n40\_5510MHz



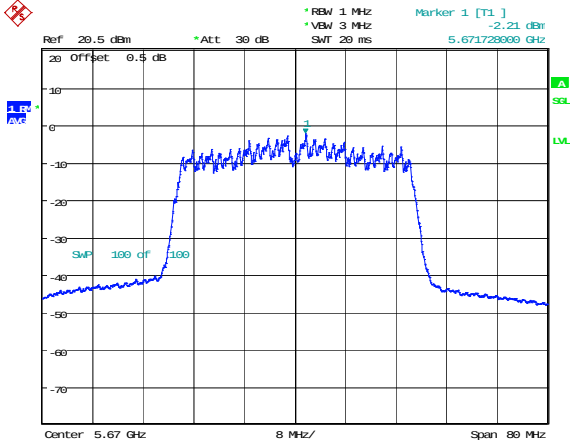
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 16:25:54

802.11n40\_5550MHz



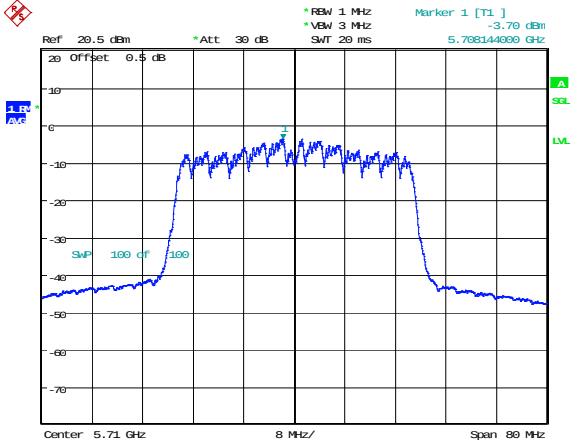
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Date: 8.NOV.2024 16:28:01

802.11n40\_5670MHz



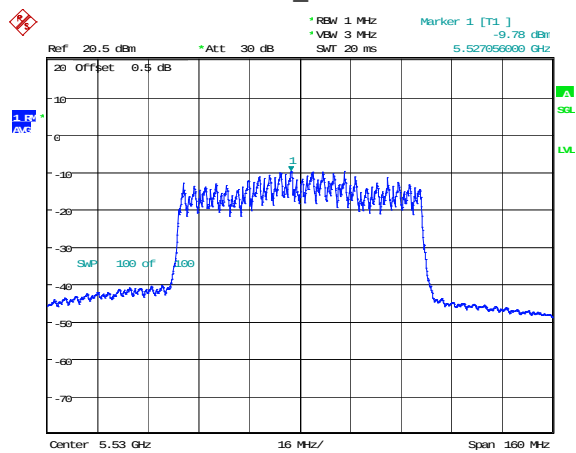
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 16:39:19

802.11n40\_5710MHz



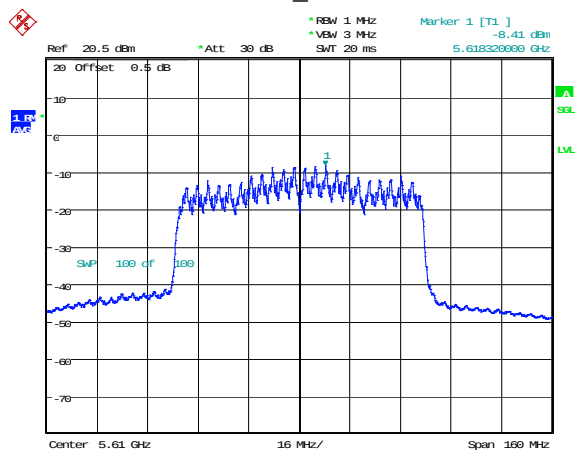
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 8.NOV.2024 16:34:05

802.11ac80\_5530MHz



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 16:39:09

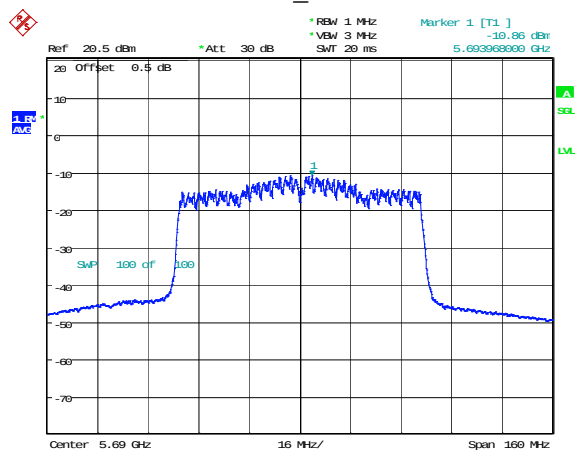
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Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 16:42:09

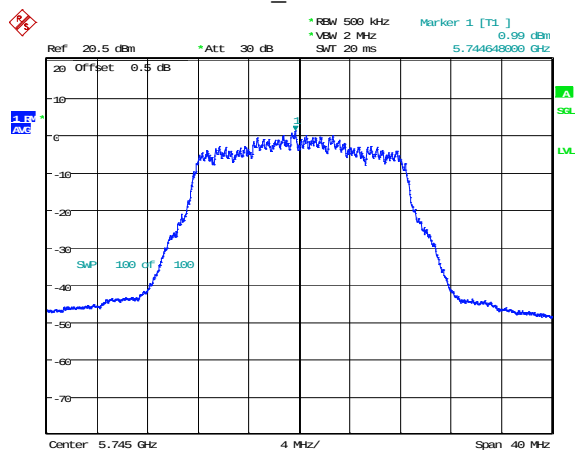
5725-5850MHz

802.11ac80\_5690MHz



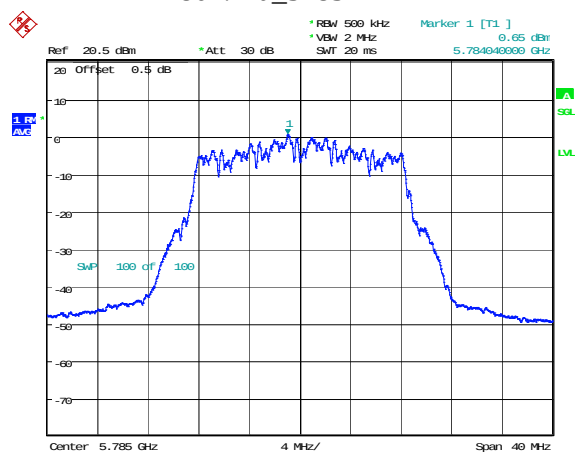
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Date: 8.NOV.2024 16:44:37

802.11a\_5745MHz



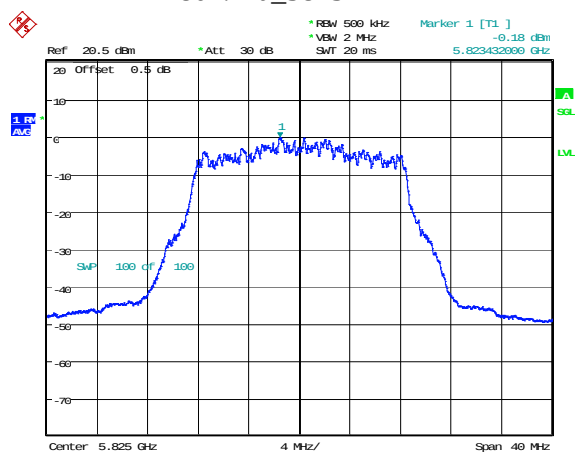
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 9.NOV.2024 16:31:48

802.11a\_5785MHz



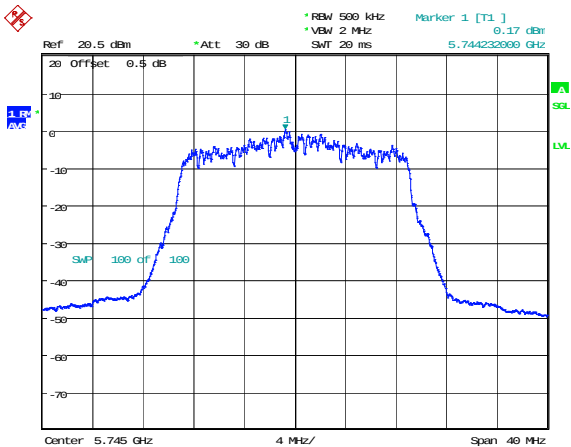
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 9.NOV.2024 16:33:45

802.11a\_5825MHz



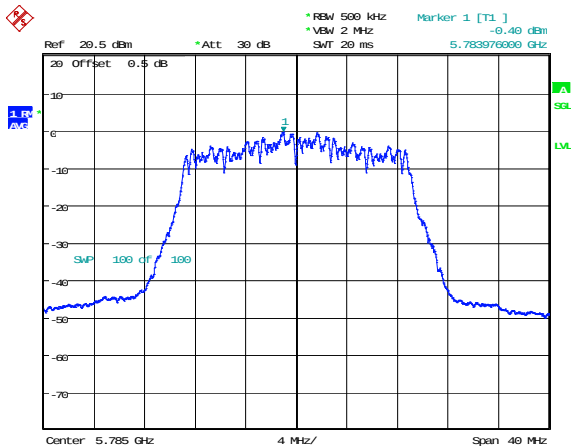
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 9.NOV.2024 16:35:34

802.11n20\_5745MHz



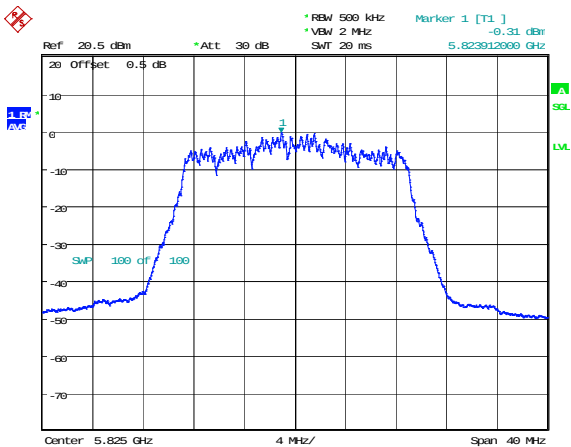
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:37:23

802.11n20\_5785MHz



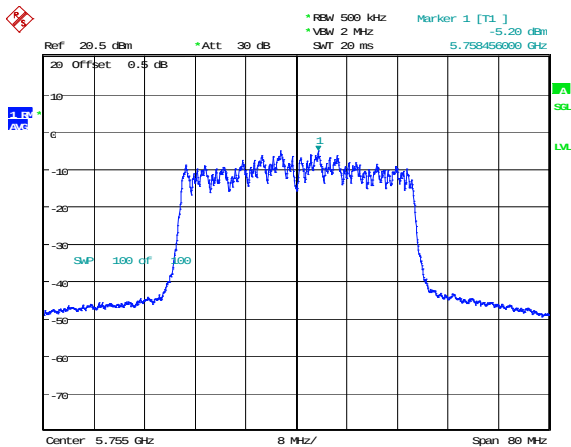
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802.11n20\_5825MHz



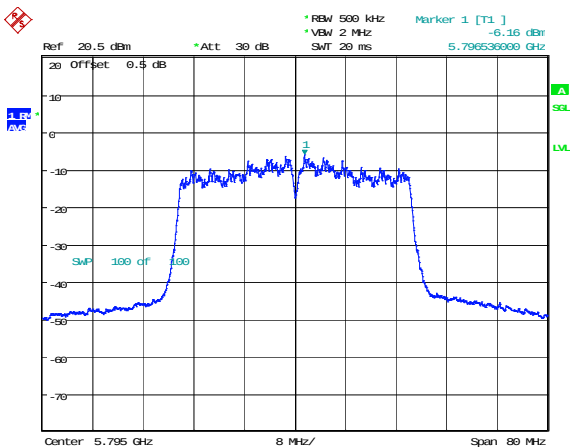
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Date: 9.NOV.2024 16:42:45

802.11n40\_5755MHz



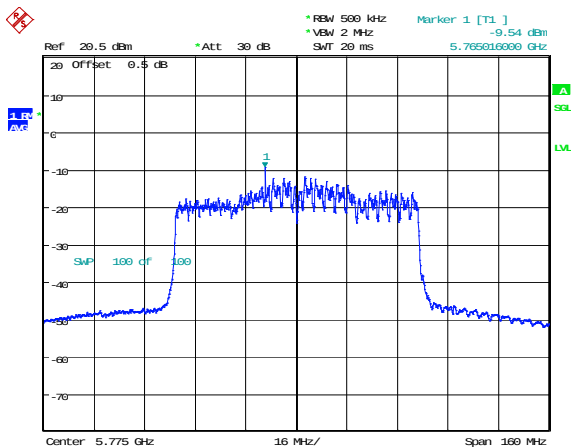
Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:45:04

802.11n40\_5795MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:47:17

802.11ac80\_5775MHz



Comment: ProjectNo.:2403X59131E-RF Tester:Lingling LI  
Date: 9.NOV.2024 16:29:38

Duty Cycle

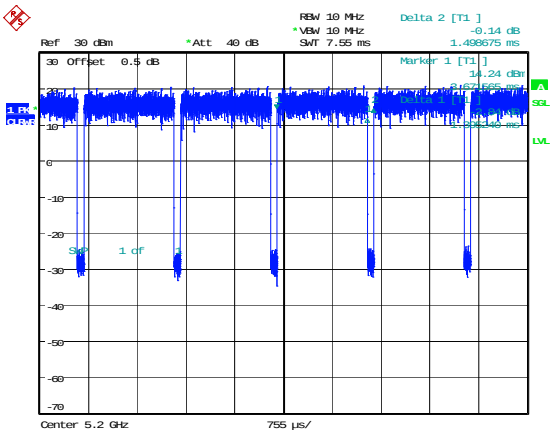
5150-5250MHz

| Mode       | Antenna | Test Frequency (MHz) | Ton (ms) | Ton+Toff (ms) | Duty Cycle (%) | Duty Cycle Factor(dB) | 1/Ton (Hz) | VBW Setting (kHz) |
|------------|---------|----------------------|----------|---------------|----------------|-----------------------|------------|-------------------|
| 802.11a    | Chain 0 | 5200                 | 1.395    | 1.499         | 93.06          | 0.31                  | 717        | 1                 |
| 802.11n20  | Chain 0 | 5200                 | 1.306    | 1.410         | 92.62          | 0.33                  | 766        | 1                 |
| 802.11n40  | Chain 0 | 5190                 | 0.655    | 0.751         | 87.22          | 0.59                  | 1527       | 2                 |
| 802.11ac80 | Chain 0 | 5210                 | 0.327    | 0.424         | 77.12          | 1.13                  | 3058       | 5                 |

Duty Cycle = Ton/(Ton+Toff)\*100%

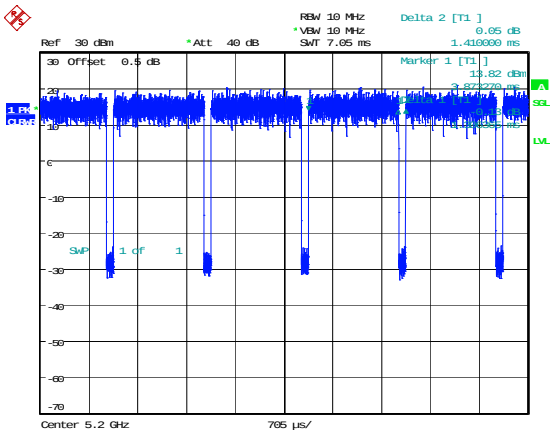
5150-5250MHz

802.11a\_5200MHz  
1.395ms,1.499ms



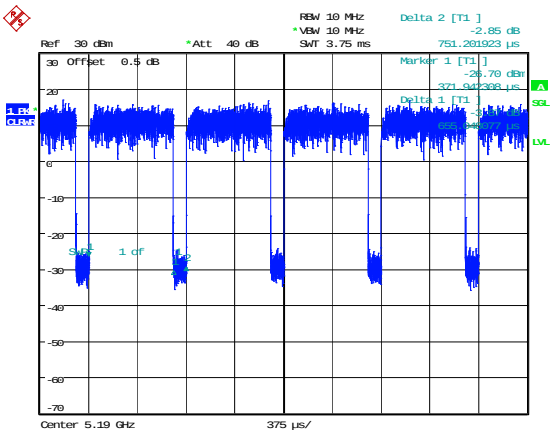
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:29:53

802.11n20\_5200MHz  
1.306ms,1.410ms



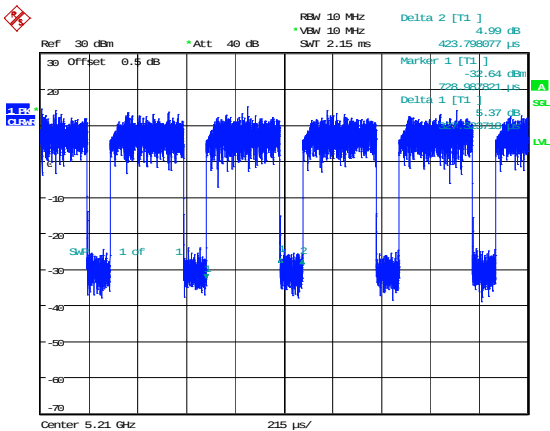
Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:30:48

802.11n40\_5190MHz  
0.655ms,0.751ms



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:32:02

802.11ac80\_5210MHz  
0.327ms,0.424ms



Comment: ProjectNo.:2403X59131E-RF Tester:LingLing Li  
Date: 8.NOV.2024 14:33:30