

Test Information:

|             |        |              |                       |
|-------------|--------|--------------|-----------------------|
| Sample No.: | 2Z6H-2 | Test Date:   | 2025/04/02~2025/04/08 |
| Test Site:  | RF     | Test Mode:   | Transmitting          |
| Tester:     | Leo Li | Test Result: | Pass                  |

Environmental Conditions:

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 23.5-24.4 | Relative<br>Humidity:<br>(%) | 47-57 | ATM Pressure:<br>(kPa) | 101.5-101.7 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

Test Equipment List and Details:

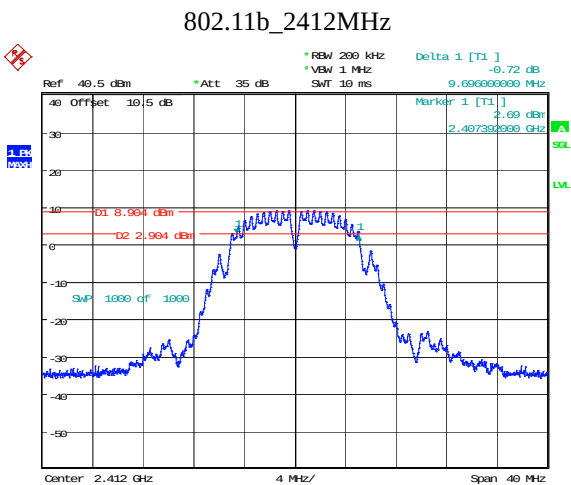
| Manufacturer | Description        | Model         | Serial Number | Calibration Date | Calibration Due Date |
|--------------|--------------------|---------------|---------------|------------------|----------------------|
| Anritsu      | Power Meter        | ML2495A       | 1106009       | 2024/08/29       | 2025/08/28           |
| Anritsu      | Pulse Power Sensor | MA2411A       | 10780         | 2024/08/29       | 2025/08/28           |
| R&S          | Spectrum Analyzer  | FSU26         | 100147        | 2025/03/31       | 2026/03/30           |
| R&S          | Spectrum Analyzer  | FSU26         | 200256        | 2025/03/31       | 2026/03/30           |
| eastsheep    | Coaxial Attenuator | 2W-SMA-JK-18G | 21060301      | Each time        | N/A                  |
| zhuoxiang    | Coaxial Cable      | SMA-178       | 211001        | 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).

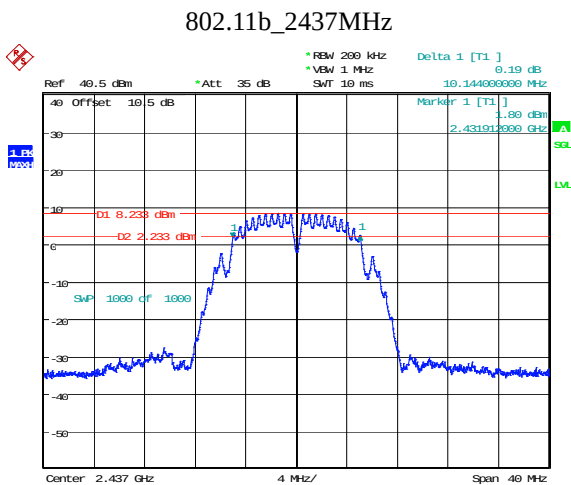
6dB Emission Bandwidth

| Mode      | Test Frequency (MHz) | Result (MHz) | Limit (MHz) | Verdict |
|-----------|----------------------|--------------|-------------|---------|
| 802.11b   | 2412                 | 9.696        | ≥0.5        | Pass    |
|           | 2437                 | 10.144       | ≥0.5        | Pass    |
|           | 2462                 | 9.664        | ≥0.5        | Pass    |
| 802.11g   | 2412                 | 16.520       | ≥0.5        | Pass    |
|           | 2437                 | 16.480       | ≥0.5        | Pass    |
|           | 2462                 | 16.480       | ≥0.5        | Pass    |
| 802.11n20 | 2412                 | 17.600       | ≥0.5        | Pass    |
|           | 2437                 | 17.480       | ≥0.5        | Pass    |
|           | 2462                 | 17.480       | ≥0.5        | Pass    |

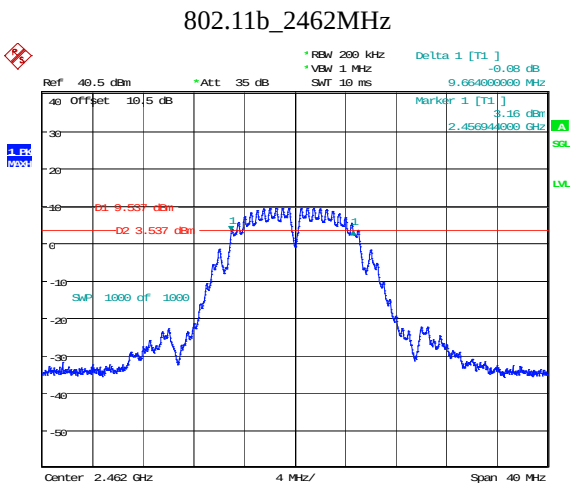
2.4G



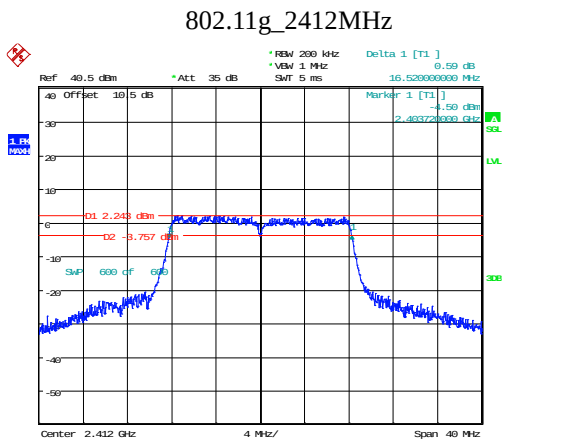
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 2.APR.2025 09:46:07



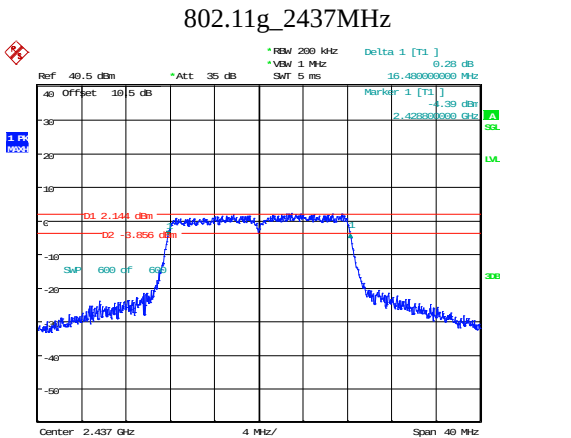
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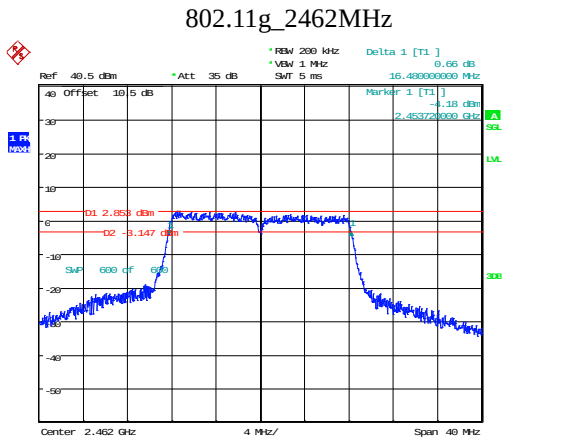
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Date: 2.APR.2025 09:56:13



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:09:47

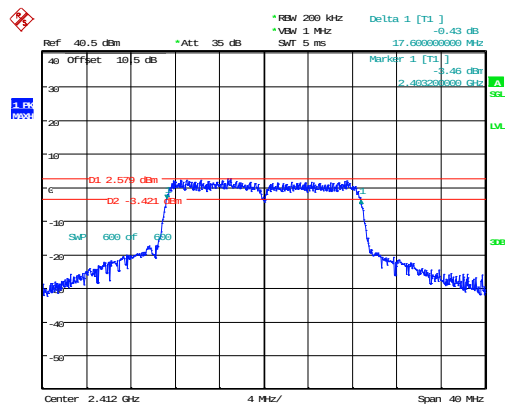


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Date: 8.APR.2025 19:15:21



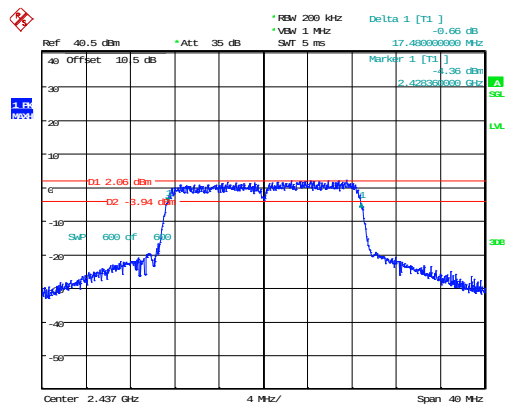
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802.11n20\_2412MHz



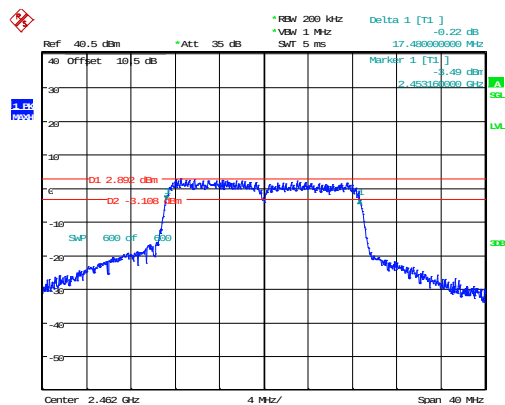
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Date: 8.APR.2025 19:25:46

802.11n20\_2437MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:31:18

802.11n20\_2462MHz

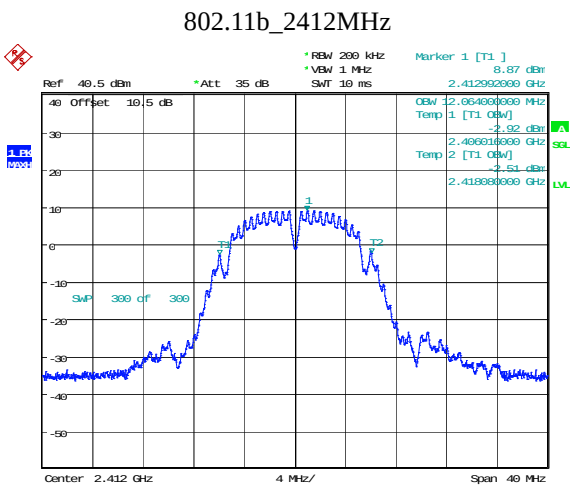


ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:35:49

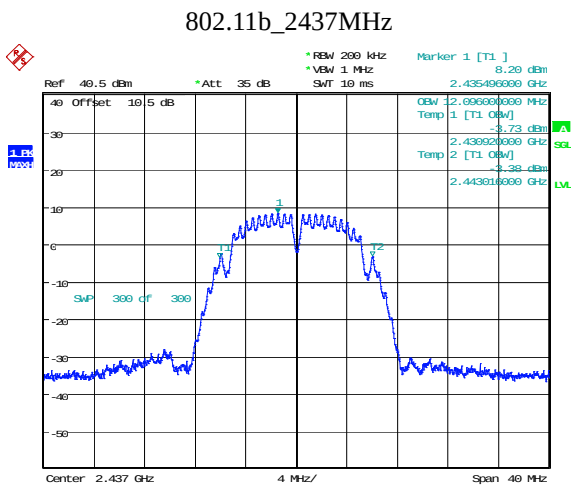
99% Occupied Bandwidth

| Mode      | Test Frequency<br>(MHz) | 99% OBW<br>(MHz) |
|-----------|-------------------------|------------------|
| 802.11b   | 2412                    | 12.064           |
|           | 2437                    | 12.096           |
|           | 2462                    | 12.096           |
| 802.11g   | 2412                    | 16.800           |
|           | 2437                    | 16.680           |
|           | 2462                    | 16.840           |
| 802.11n20 | 2412                    | 17.920           |
|           | 2437                    | 17.760           |
|           | 2462                    | 17.880           |

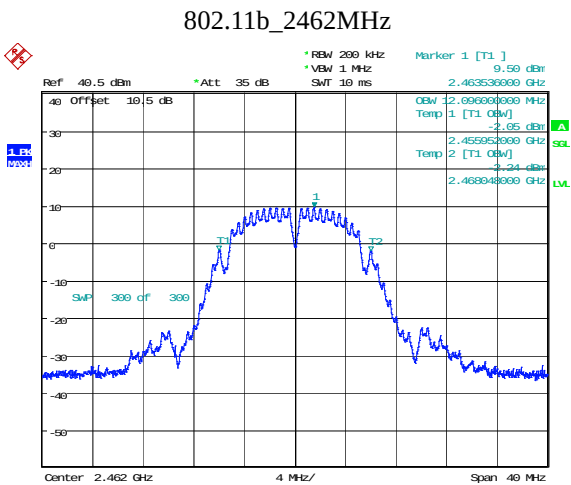
2.4G



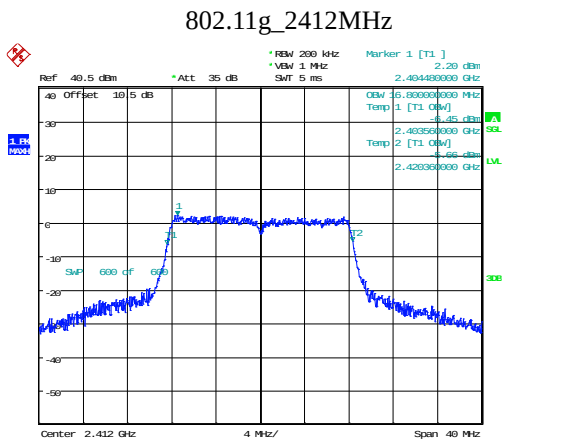
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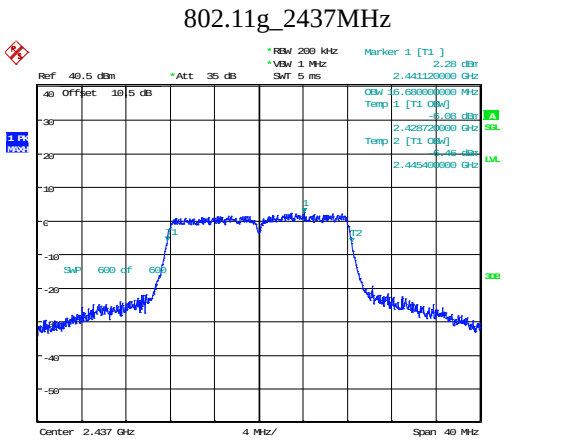
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Date: 2.APR.2025 09:52:05



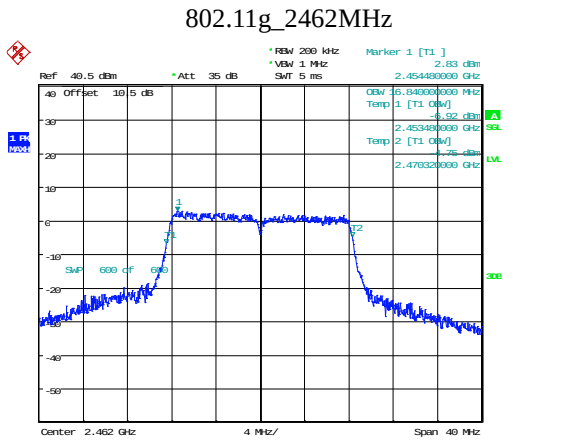
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Date: 2.APR.2025 09:56:48



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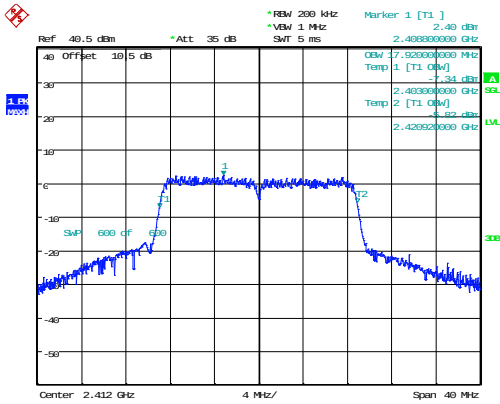


ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:16:41



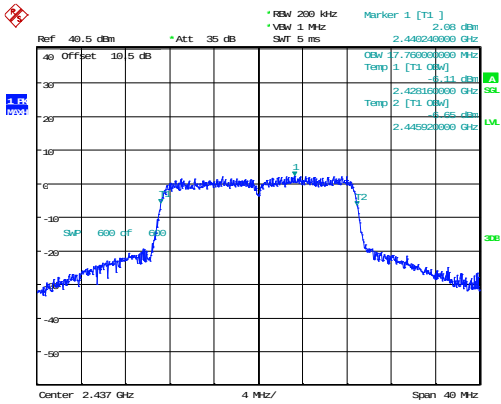
ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:21:31

802.11n20\_2412MHz



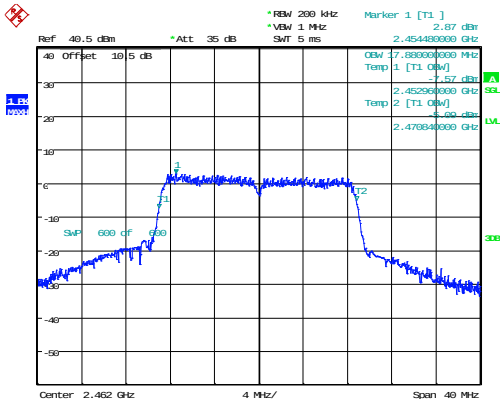
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Date: 8.APR.2025 19:27:16

802.11n20\_2437MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:32:39

802.11n20\_2462MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:37:31

Maximum Conducted Output Power

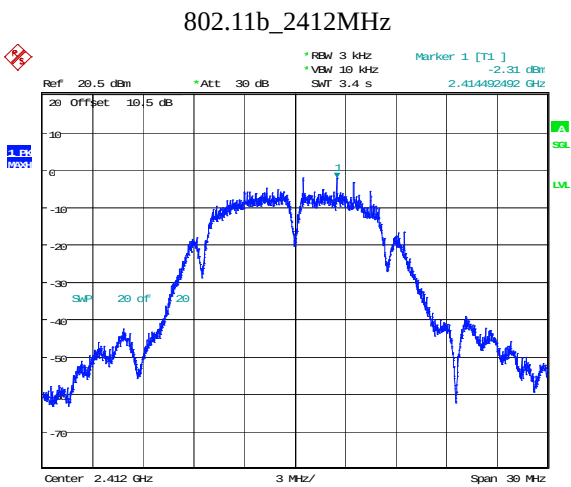
| Mode      | Test Frequency (MHz) | Peak Output Power(dBm) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|-----------|----------------------|------------------------|---------------------------|-------------|---------|
| 802.11b   | 2412                 | 21.36                  | 17.86                     | 30          | Pass    |
|           | 2437                 | 20.86                  | 17.21                     | 30          | Pass    |
|           | 2462                 | 21.98                  | 18.42                     | 30          | Pass    |
| 802.11g   | 2412                 | 19.88                  | 11.39                     | 30          | Pass    |
|           | 2437                 | 19.71                  | 11.14                     | 30          | Pass    |
|           | 2462                 | 20.03                  | 11.59                     | 30          | Pass    |
| 802.11n20 | 2412                 | 19.85                  | 11.35                     | 30          | Pass    |
|           | 2437                 | 19.65                  | 11.05                     | 30          | Pass    |
|           | 2462                 | 20.01                  | 11.53                     | 30          | Pass    |



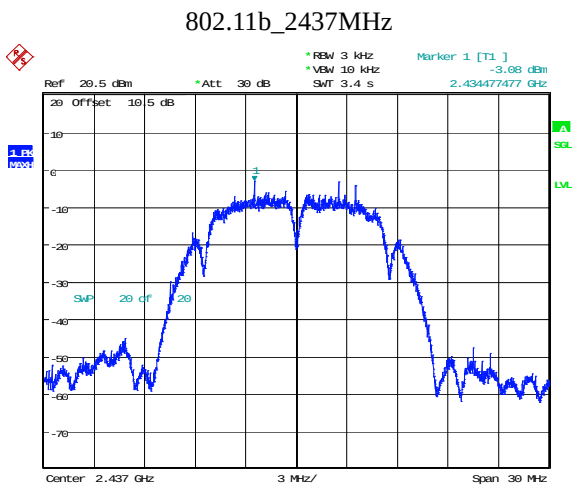
**Power Spectral Density**

| Mode      | Test Frequency<br>(MHz) | Result<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|-------------------------|----------------------|---------------------|---------|
| 802.11b   | 2412                    | -2.31                | 8                   | Pass    |
|           | 2437                    | -3.08                | 8                   | Pass    |
|           | 2462                    | -1.62                | 8                   | Pass    |
| 802.11g   | 2412                    | -14.00               | 8                   | Pass    |
|           | 2437                    | -13.67               | 8                   | Pass    |
|           | 2462                    | -13.52               | 8                   | Pass    |
| 802.11n20 | 2412                    | -13.03               | 8                   | Pass    |
|           | 2437                    | -13.39               | 8                   | Pass    |
|           | 2462                    | -13.12               | 8                   | Pass    |

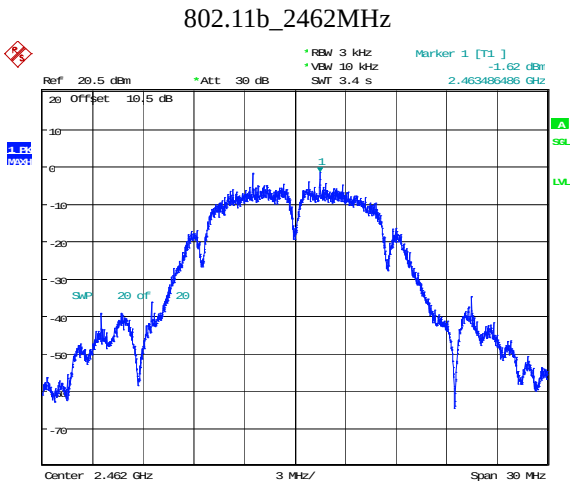
2.4G



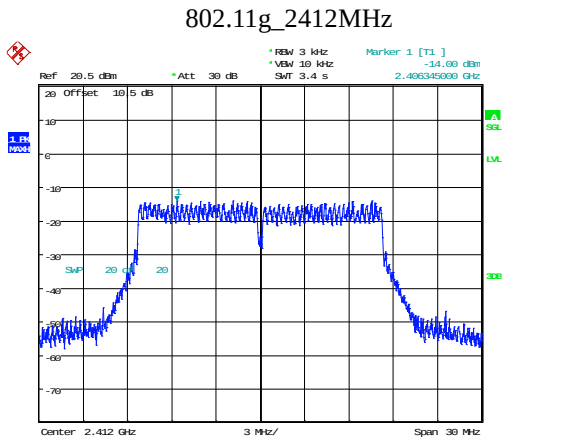
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 2.APR.2025 09:49:35



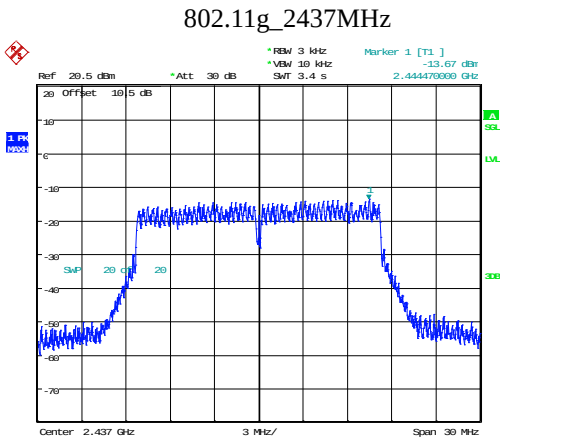
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Date: 2.APR.2025 09:53:40



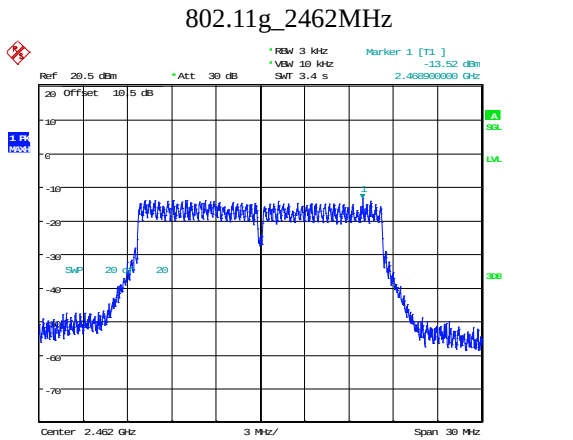
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Date: 2.APR.2025 09:59:22



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:14:06

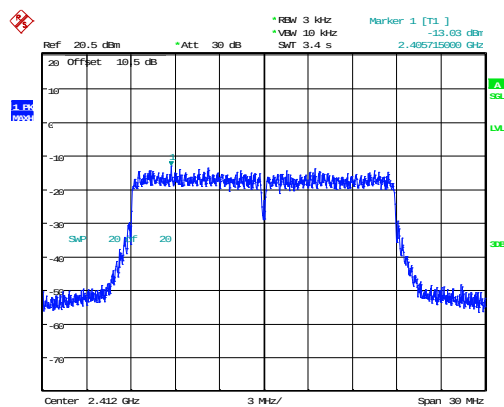


ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:18:15



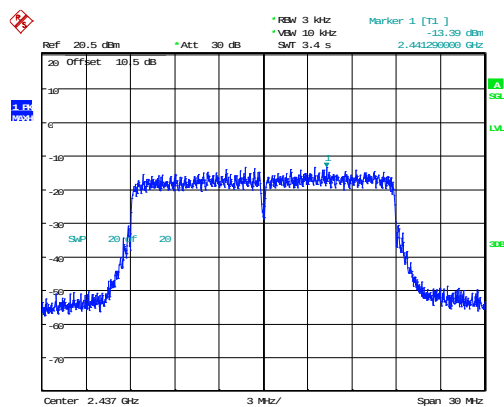
ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:24:20

802.11n20\_2412MHz



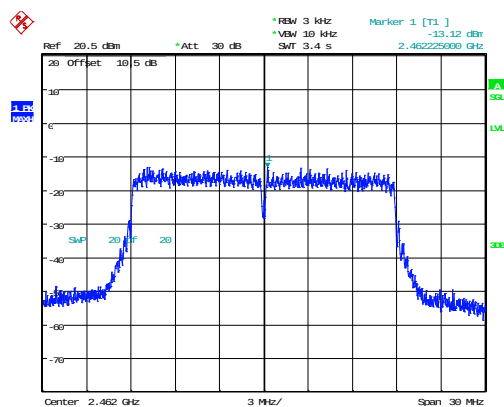
ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:30:04

802.11n20\_2437MHz



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:34:15

802.11n20\_2462MHz

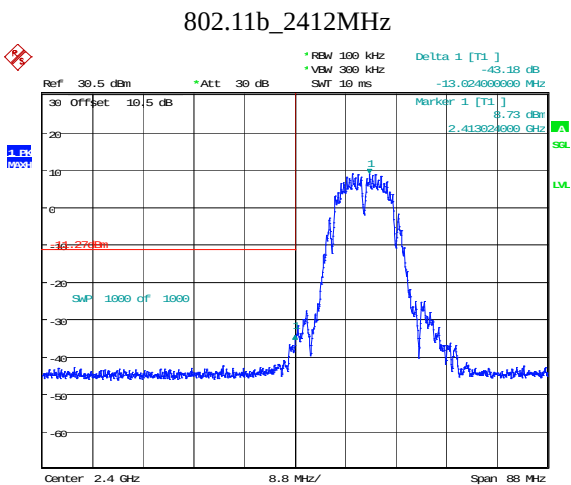


ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:40:19

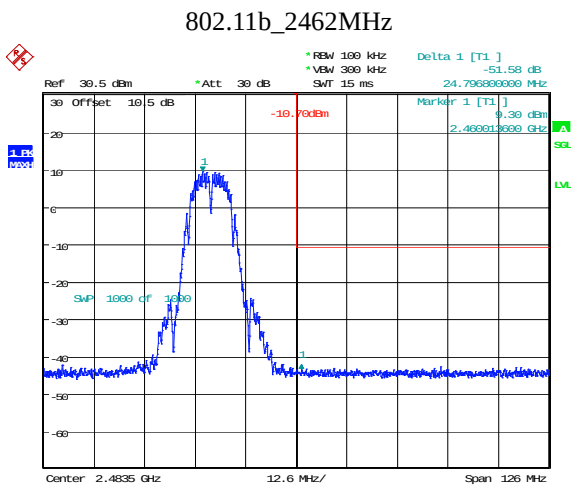
100 kHz Bandwidth of Frequency Band Edge

| Mode      | Test Frequency (MHz) | Result (dB) | Limit (dB) | Verdict |
|-----------|----------------------|-------------|------------|---------|
| 802.11b   | 2412                 | 43.18       | 20         | Pass    |
|           | 2462                 | 51.58       | 20         | Pass    |
| 802.11g   | 2412                 | 29.46       | 20         | Pass    |
|           | 2462                 | 40.55       | 20         | Pass    |
| 802.11n20 | 2412                 | 26.87       | 20         | Pass    |
|           | 2462                 | 39.33       | 20         | Pass    |

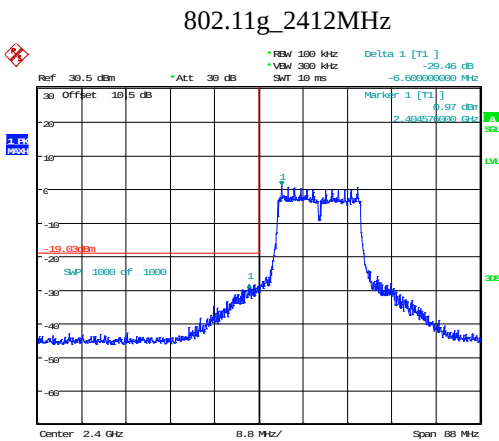
2.4G



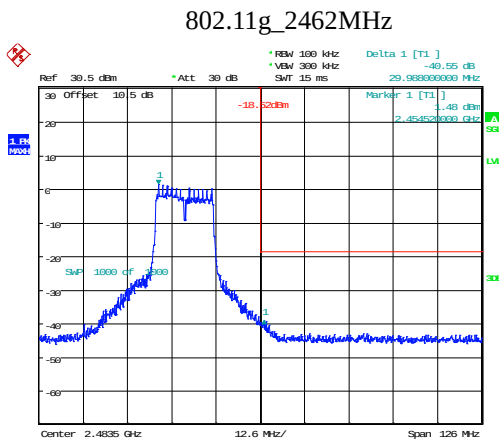
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Date: 2.APR.2025 09:48:18



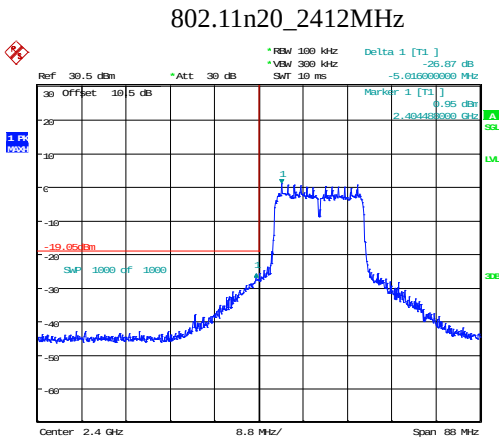
Comment: ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 2.APR.2025 09:58:05



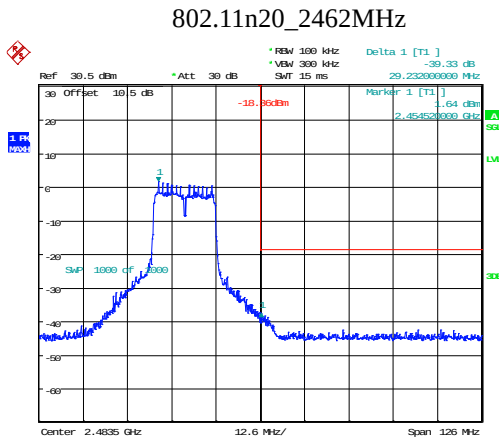
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Date: 8.APR.2025 19:12:48



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:23:02



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:28:46



ProjectNo.:2503R23056E-RF Tester:Leo Li  
Date: 8.APR.2025 19:39:00

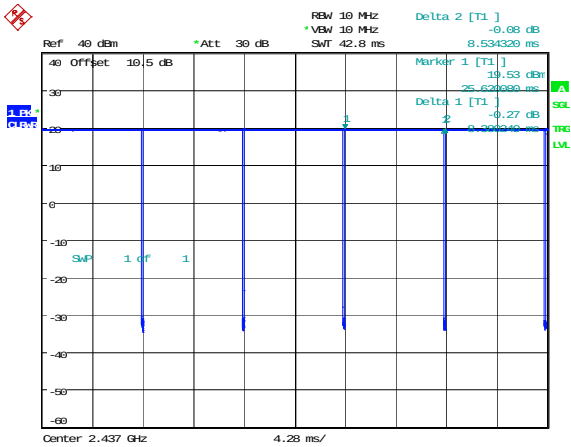
**Duty Cycle**

| Mode      | Test Frequency<br>(MHz) | Ton<br>(ms) | Ton+Toff<br>(ms) | Duty Cycle<br>(%) | Duty Cycle<br>Factor(dB) | 1/Ton<br>(Hz) | VBW Setting<br>(kHz) |
|-----------|-------------------------|-------------|------------------|-------------------|--------------------------|---------------|----------------------|
| 802.11b   | 2437                    | 8.380       | 8.534            | 98.20             | /                        | /             | 0.010                |
| 802.11g   | 2437                    | 1.391       | 1.545            | 90.03             | 0.46                     | 719           | 1                    |
| 802.11n20 | 2437                    | 1.172       | 1.327            | 88.32             | 0.54                     | 853           | 1                    |

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

2.4G

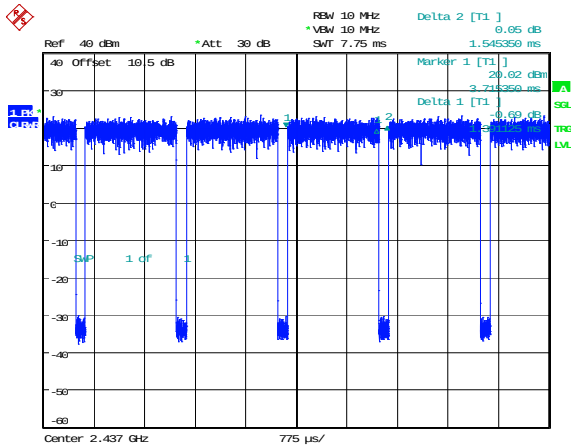
802.11b\_2437MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo LI

Date: 2.APR.2025 09:35:23

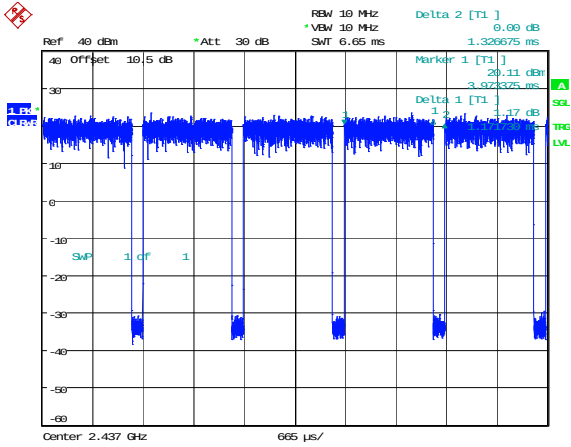
802.11g\_2437MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo LI

Date: 2.APR.2025 09:38:05

802.11n20\_2437MHz



Comment: ProjectNo.:2503R23056E-RF Tester:Leo LI

Date: 2.APR.2025 09:40:56