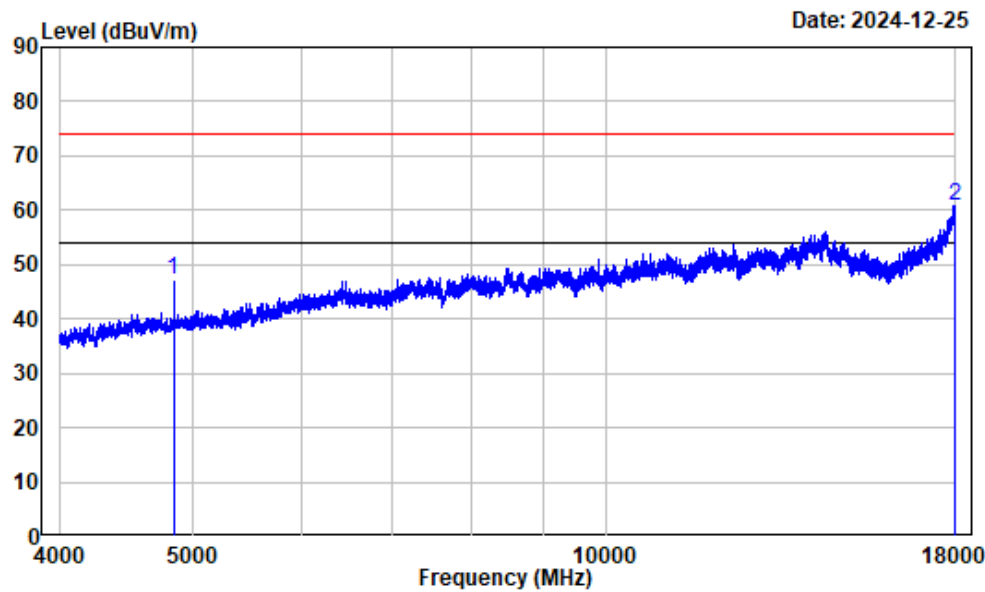


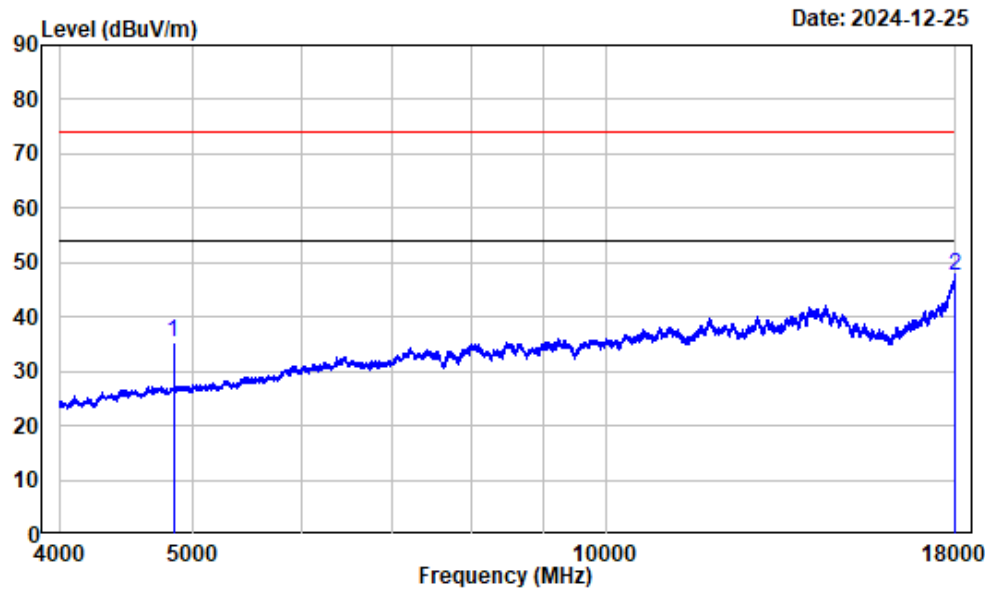
4-18GHz\_Horizontal\_Peak\_802.11n-HT40



Condition : Horizontal  
Project No. : 2401Y44733E-RF  
Tester : Zenos Qiao  
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak  
Note : 2.4GWiFi-n40-2422

| Freq |           | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|------|-----------|--------|------------|--------|------------|------------|--------|
| MHz  |           | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1    | 4844.000  | -7.72  | 55.05      | 47.33  | 74.00      | -26.67     | Peak   |
| 2    | 17991.250 | 13.16  | 47.78      | 60.94  | 74.00      | -13.06     | Peak   |

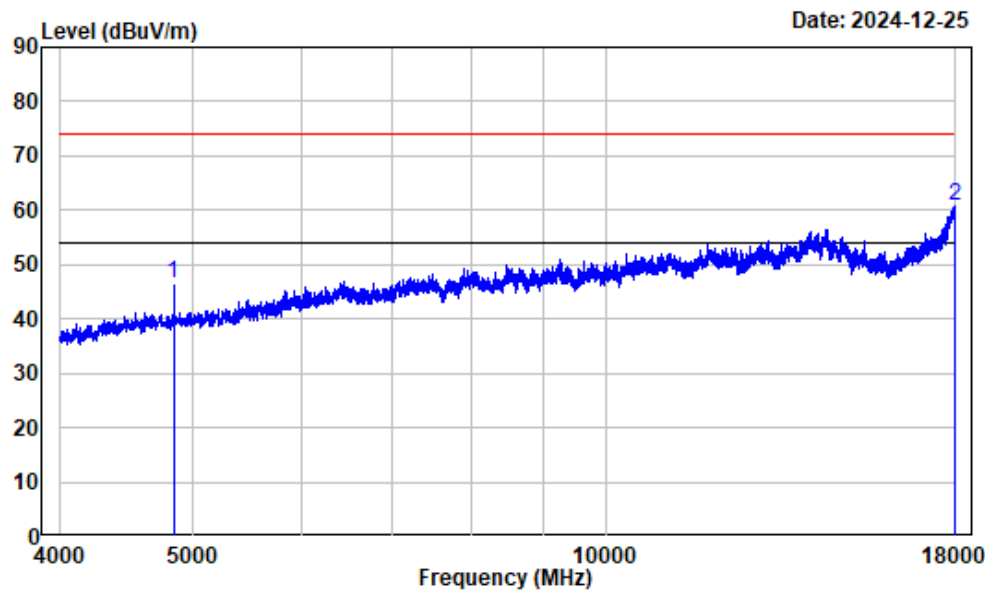
4-18GHz\_Horizontal\_Average\_802.11n-HT40



Condition : Horizontal  
Project No. : 2401Y44733E-RF  
Tester : Zenos Qiao  
Spectrum setting: Average reading:RBW:1MHz VBW:5kHz Detector:Peak  
Note : 2.4GWiFi-n40-2422

| Freq |           | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|------|-----------|--------|------------|--------|------------|------------|---------|
| MHz  |           | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1    | 4844.000  | -7.72  | 42.96      | 35.24  | 54.00      | -18.76     | Average |
| 2    | 17987.750 | 13.13  | 34.45      | 47.58  | 54.00      | -6.42      | Average |

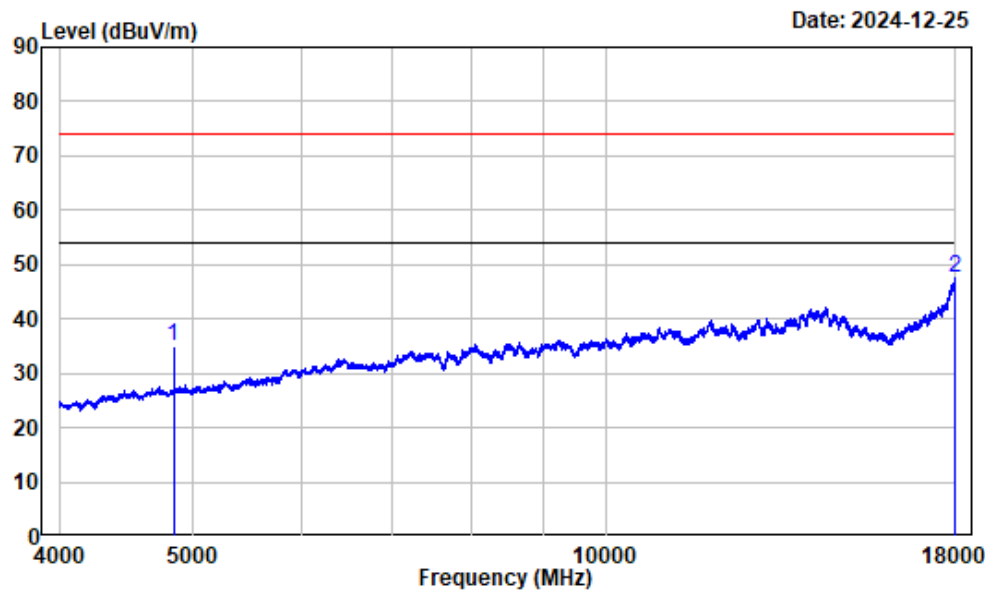
4-18GHz\_Veritical\_Peak\_802.11n-HT40



Condition : Vertical  
Project No. : 2401Y44733E-RF  
Tester : Zenos Qiao  
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak  
Note : 2.4GWiFi-n40-2422

| Freq |           | Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|------|-----------|--------|------------|--------|------------|------------|--------|
| MHz  |           | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1    | 4844.000  | -7.72  | 54.17      | 46.45  | 74.00      | -27.55     | Peak   |
| 2    | 17993.000 | 13.17  | 47.66      | 60.83  | 74.00      | -13.17     | Peak   |

4-18GHz\_Vertical\_Average\_802.11n-HT40

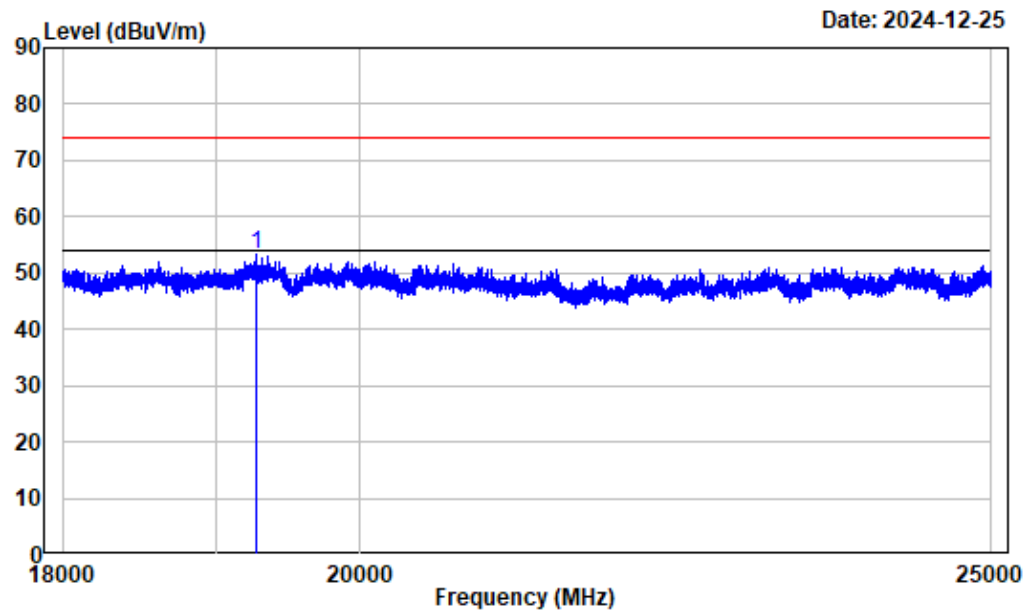


Condition : Vertical  
Project No. : 2401Y44733E-RF  
Tester : Zenos Qiao  
Spectrum setting: Average reading:RBW:1MHz VBW:5kHz Detector:Peak  
Note : 2.4GWiFi-n40-2422

| Freq |           | Factor | Read Level | Level  | Limit Line | Over Limit | Remark  |
|------|-----------|--------|------------|--------|------------|------------|---------|
| MHz  |           | dB/m   | dBuV       | dBuV/m | dBuV/m     | dB         |         |
| 1    | 4844.000  | -7.72  | 42.61      | 34.89  | 54.00      | -19.11     | Average |
| 2    | 17984.250 | 13.12  | 34.28      | 47.40  | 54.00      | -6.60      | Average |

18-25GHz (Only with worst case margin mode plot, 802.11 b):

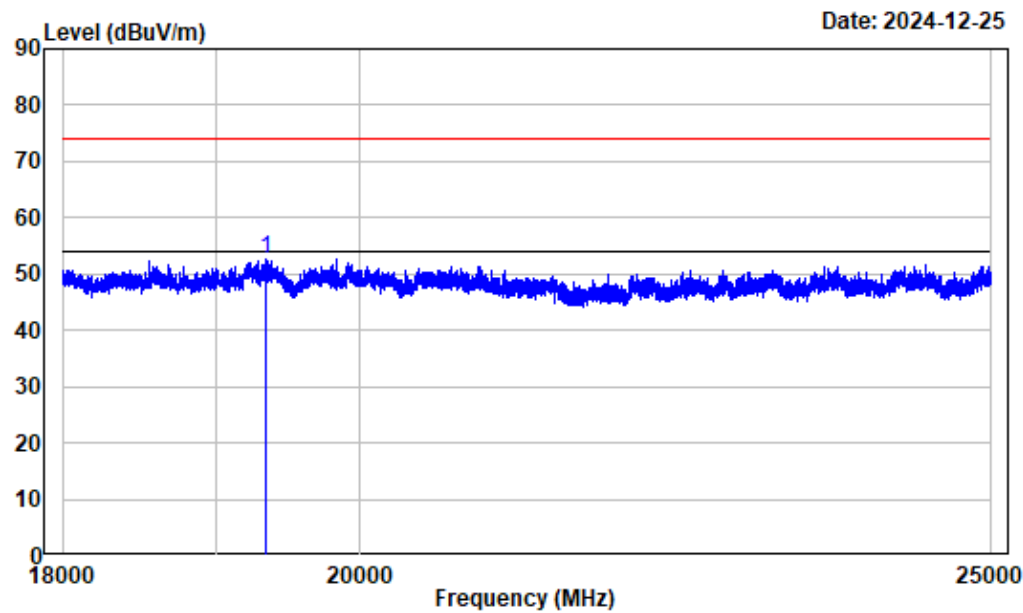
18-25GHz\_Horizontal



Condition : Horizontal  
Project No. : 2401Y44733E-RF  
Tester : Zenos Qiao  
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak  
Note : 2.4GWiFi-b-2412

| Freq Factor |       | Read Level | Limit Level | Over Limit | Remark      |
|-------------|-------|------------|-------------|------------|-------------|
| MHz         | dB/m  | dBuV       | dBuV/m      | dBuV/m     | dB          |
| 1 19275.910 | 15.24 | 37.92      | 53.16       | 74.00      | -20.84 Peak |

18-25GHz\_Vertical



Condition : Vertical  
Project No. : 2401Y44733E-RF  
Tester : Zenos Qiao  
Spectrum setting: Peak reading:RBW:1MHz VBW:3MHz Detector:Peak  
Note : 2.4GWiFi-b-2412

| Freq Factor |       | Read Level | Level  | Limit Line | Over Limit | Remark |
|-------------|-------|------------|--------|------------|------------|--------|
| MHz         | dB/m  | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 19346.790 | 15.15 | 37.48      | 52.63  | 74.00      | -21.37     | Peak   |

6dB Emission Bandwidth

Test Information:

|             |          |              |                       |
|-------------|----------|--------------|-----------------------|
| Sample No.: | 2TMS-3   | Test Date:   | 2024/12/17~2024/12/30 |
| Test Site:  | RF       | Test Mode:   | Transmitting          |
| Tester:     | Brian Li | Test Result: | Pass                  |

Environmental Conditions:

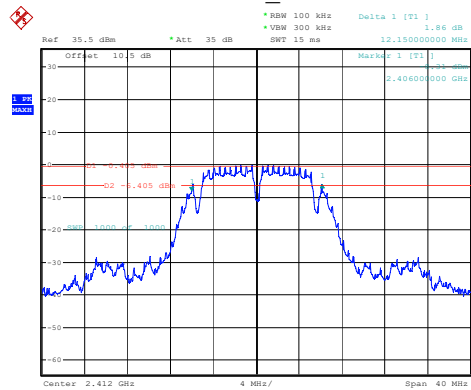
|                       |       |                              |       |                        |     |
|-----------------------|-------|------------------------------|-------|------------------------|-----|
| Temperature:<br>(°C): | 22~26 | Relative<br>Humidity:<br>(%) | 35~45 | ATM Pressure:<br>(kPa) | 101 |
|-----------------------|-------|------------------------------|-------|------------------------|-----|

Test Data:

| Mode      | Antenna | Test Frequency<br>(MHz) | Result<br>(MHz) | Limit<br>(MHz) | Verdict |
|-----------|---------|-------------------------|-----------------|----------------|---------|
| 802.11b   | Chain 0 | 2412                    | 12.150          | ≥0.5           | Pass    |
|           |         | 2437                    | 12.150          | ≥0.5           | Pass    |
|           |         | 2462                    | 12.150          | ≥0.5           | Pass    |
| 802.11g   | Chain 0 | 2412                    | 15.300          | ≥0.5           | Pass    |
|           |         | 2437                    | 15.250          | ≥0.5           | Pass    |
|           |         | 2462                    | 15.300          | ≥0.5           | Pass    |
| 802.11n20 | Chain 0 | 2412                    | 15.300          | ≥0.5           | Pass    |
|           |         | 2437                    | 15.250          | ≥0.5           | Pass    |
|           |         | 2462                    | 15.300          | ≥0.5           | Pass    |
| 802.11n40 | Chain 0 | 2422                    | 35.500          | ≥0.5           | Pass    |
|           |         | 2437                    | 35.400          | ≥0.5           | Pass    |
|           |         | 2452                    | 35.400          | ≥0.5           | Pass    |

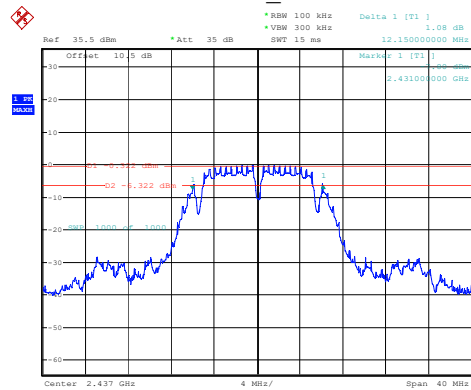
2412~2462

802.11b\_2412MHz



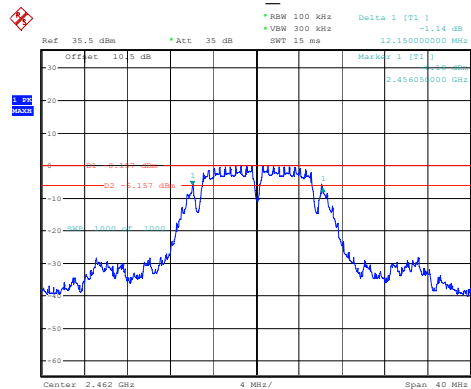
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 15:38:21

802.11b\_2437MHz



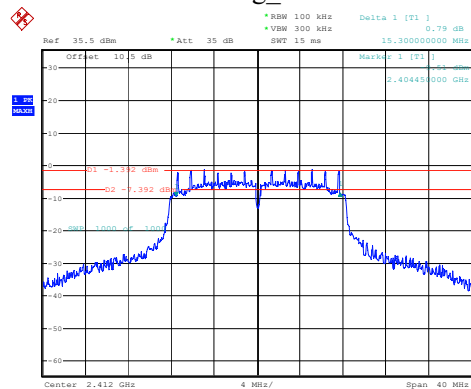
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 15:49:25

802.11b\_2462MHz



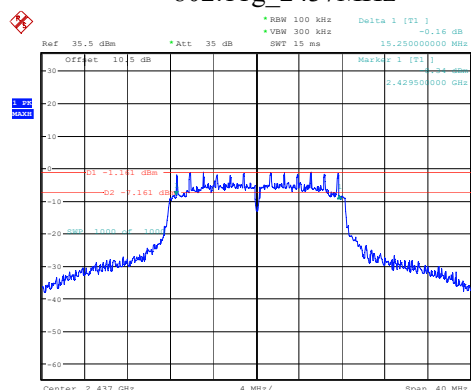
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 15:52:54

802.11g\_2412MHz



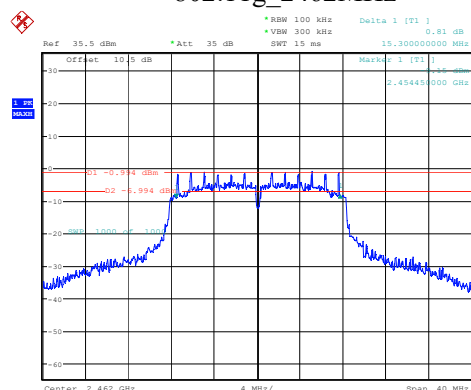
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 16:01:45

802.11g\_2437MHz



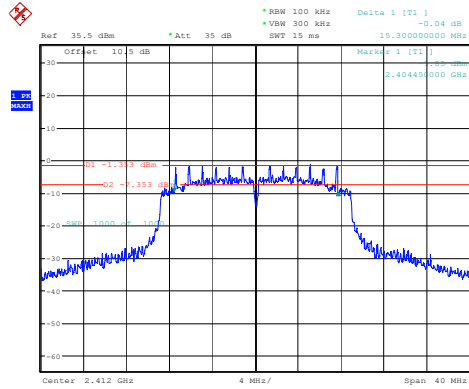
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 16:05:32

802.11g\_2462MHz



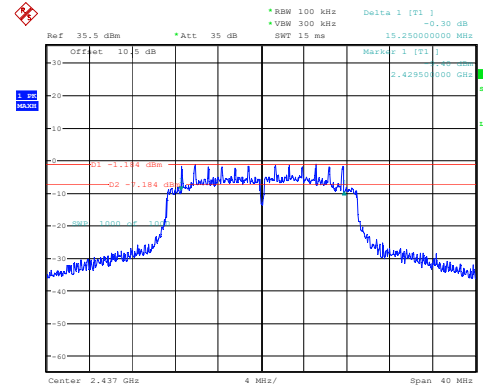
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 16:08:56

### 802.11n20\_2412MHz



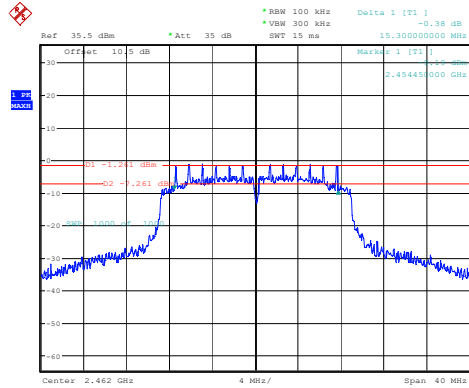
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 16:12:57

### 802.11n20\_2437MHz



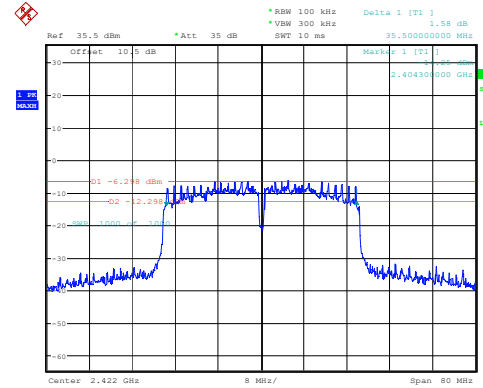
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 16:16:42

### 802.11n20\_2462MHz



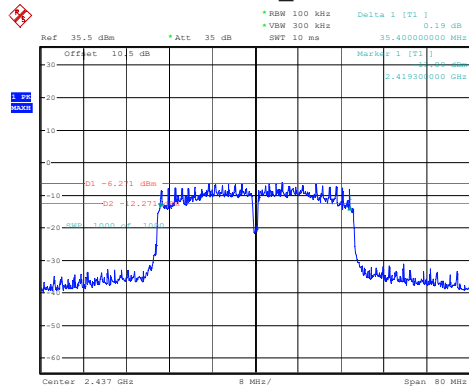
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 17.DEC.2024 16:20:16

### 802.11n40\_2422MHz



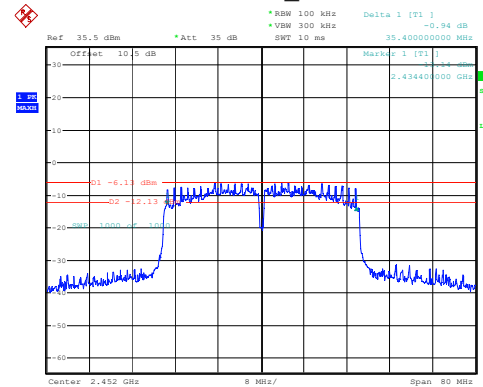
ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 30.DEC.2024 10:42:41

### 802.11n40\_2437MHz



ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 30.DEC.2024 11:18:39

### 802.11n40\_2452MHz



ProjectNo.:2401Y44733E-RF Tester:Brian Li  
Date: 30.DEC.2024 11:23:30

99% Occupied Bandwidth

Test Information:

|             |          |              |                       |
|-------------|----------|--------------|-----------------------|
| Sample No.: | 2TMS-3   | Test Date:   | 2024/12/17~2024/12/30 |
| Test Site:  | RF       | Test Mode:   | Transmitting          |
| Tester:     | Brian Li | Test Result: | Pass                  |

Environmental Conditions:

|                       |       |                              |       |                        |     |
|-----------------------|-------|------------------------------|-------|------------------------|-----|
| Temperature:<br>(°C): | 22~26 | Relative<br>Humidity:<br>(%) | 35~45 | ATM Pressure:<br>(kPa) | 101 |
|-----------------------|-------|------------------------------|-------|------------------------|-----|

Test Data:

| Mode      | Antenna | Test Frequency<br>(MHz) | 99% OBW<br>(MHz) |
|-----------|---------|-------------------------|------------------|
| 802.11b   | Chain 0 | 2412                    | 13.550           |
|           |         | 2437                    | 13.500           |
|           |         | 2462                    | 13.550           |
| 802.11g   | Chain 0 | 2412                    | 17               |
|           |         | 2437                    | 16.950           |
|           |         | 2462                    | 17               |
| 802.11n20 | Chain 0 | 2412                    | 17.900           |
|           |         | 2437                    | 17.950           |
|           |         | 2462                    | 17.900           |
| 802.11n40 | Chain 0 | 2422                    | 36.100           |
|           |         | 2437                    | 36.100           |
|           |         | 2452                    | 36.100           |