

# JAPAN MIC

## Radio Test Report

**Applicant:** Valve Corporation  
10400 NE 4th Street, Suite 1400, Bellevue, WA 98004, USA

**Manufacturer:** Valve Corporation  
10400 NE 4th Street, Suite 1400, Bellevue, WA 98004, USA

**Product Name:** VR Headset

**Brand Name:** VALVE

**Model No.:** 1015

**Report Number:** TERF2504001448E2

**Place of Testing** SGS Taiwan Ltd. Central RF Lab  
No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333

**Test Result** PASS

**Classification of Specified Radio Equipment** Article 2 Clause 1 Item 19

**Date of EUT Received:** April 15, 2025

**Date of Test:** April 23, 2025 ~ July 4, 2025

**Issue Date:** March 31, 2026

Approved By: \_\_\_\_\_



Jay Lin

### We hereby declare that:

The data presented with this application to be true and correct; and that our testing equipment is regularly serviced and properly calibrated; and We agree to maintain records of data for a minimum of ten (10) years in our laboratory for immediate presentation upon request by the Certification Body.

### Measurement was conducted by the following test method:

the test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 43 of Article 88, Paragraph 1 or the test method more than equivalent.

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## Revision History

| Report Number    | Revision | Description | Issue Date     | Revised By  | Remark |
|------------------|----------|-------------|----------------|-------------|--------|
| TERF2504001448E2 | 00       | Original    | March 31, 2026 | Karen Huang |        |
|                  |          |             |                |             |        |
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|                  |          |             |                |             |        |

**Note:**

- 1、The remark "" indicates modification of the report upon requests from certification body.

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## 1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)

### 1.1 Product Description

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Product Name:     | VR Headset                                         |
| Brand Name:       | VALVE                                              |
| Model No.:        | 1015                                               |
| Hardware Version: | WCN-7851-1-NSP334-TR-01-0                          |
| Firmware Version: | WLAN.HMT.2.0-01788-QCAHMTSWPL_V1.0_V2.0_SILICONZ-1 |
| Power Supply:     | 7.74 Vdc                                           |

### 1.2 RF Specification

Type, frequency of transmittable  
radio wave and rated output

G1D 2412MHz-2472MHz(Interval of 5MHz 13ch)

**802.11 b: 5.994 mW/MHz**

G1D D1D 2412MHz-2472MHz(Interval of 5MHz 13ch)

**802.11 g: 3.482 mW/MHz**

G1D D1D 2412MHz-2472MHz(Interval of 5MHz 13ch)

**802.11n20: 3.379 mW/MHz**

G1D D1D 2422MHz-2462MHz(Interval of 5MHz 9ch)

**802.11n40: 1.922 mW/MHz**

G1D D1D 2412MHz-2472MHz(Interval of 5MHz 13ch)

**802.11ax20: 3.129 mW/MHz**

G1D D1D 2422MHz-2462MHz(Interval of 5MHz 9ch)

**802.11ax40: 1.762 mW/MHz**

G1D D1D 2412MHz-2472MHz(Interval of 5MHz 13ch)

**802.11be20: 3.216 mW/MHz**

G1D D1D 2422MHz-2462MHz(Interval of 5MHz 9ch)

**802.11be40: 1.703 mW/MHz**

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### 1.3 Antenna Designation

| Ant. Type | Brand | Wi-Fi L / Wi-Fi R | Freq. (MHz) | Polarization (H or V) | Peak Gain(dBi) |
|-----------|-------|-------------------|-------------|-----------------------|----------------|
| Dipole    | WNC   | Wi-Fi L           | 2400~2483.5 | H+V                   | 3.81           |
| Dipole    |       | Wi-Fi R           | 2400~2483.5 | H+V                   | 4.27           |
| Dipole    | AWAN  | Wi-Fi L           | 2400~2483.5 | H+V                   | 3.19           |
| Dipole    |       | Wi-Fi R           | 2400~2483.5 | H+V                   | 3.67           |

**Note:**

The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.

### 1.4 Assemble (Not easy open)

The shielding case is directly soldered to the PCB board. The shielding case will be destroyed when trying to open.

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## 2 DESCRIPTION OF TEST

### 2.1 Test Conditions

|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11b 20MHz System (2TX 2RX)                           |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq$ 5<br>$\leq$ 35  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq$ 45<br>$\leq$ 85 | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 0.67  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.01  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 98.24 |       | -----                  | -----       |

| 802.11b                                   | unit    | ----- | ----- | Limit     | Result |
|-------------------------------------------|---------|-------|-------|-----------|--------|
| Measurement Frequency                     | MHz     | 2412  | 2472  | -----     | -----  |
| Channel Number                            | Ch.     | 1     | 13    | -----     | -----  |
| Declaration Output Power                  | mW/MHz  | 5.994 |       | $\leq 10$ | PASS   |
|                                           | dBm/MHz | 7.777 |       | $\leq 10$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 11.84 | 11.82 | $< 12.14$ | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----     | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----     | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----     | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11g 20MHz System (2TX 2RX)                           |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq 5$<br>$\leq 35$  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq 45$<br>$\leq 85$ | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 2.10  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 99.20 |       | -----                  | -----       |

| 802.11g                                   | unit    | ----- | ----- | Limit     | Result |
|-------------------------------------------|---------|-------|-------|-----------|--------|
| Measurement Frequency                     | MHz     | 2412  | 2472  | -----     | -----  |
| Channel Number                            | Ch.     | 1     | 13    | -----     | -----  |
| Declaration Output Power                  | mW/MHz  | 3.482 |       | $\leq 10$ | PASS   |
|                                           | dBm/MHz | 5.42  |       | $\leq 10$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 9.42  | 9.48  | < 12.14   | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----     | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----     | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----     | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11n 20MHz System (2TX 2RX)                           |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq 5$<br>$\leq 35$  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq 45$<br>$\leq 85$ | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 5.43  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 99.67 |       | -----                  | -----       |

| 802.11n_20MHz                             | unit    | ----- | ----- | Limit     | Result |
|-------------------------------------------|---------|-------|-------|-----------|--------|
| Measurement Frequency                     | MHz     | 2412  | 2472  | -----     | -----  |
| Channel Number                            | Ch.     | 1     | 13    | -----     | -----  |
| Declaration Output Power                  | mW/MHz  | 3.379 |       | $\leq 10$ | PASS   |
|                                           | dBm/MHz | 5.288 |       | $\leq 10$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 9.34  | 9.34  | $< 12.14$ | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----     | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----     | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----     | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11n 40MHz System (2TX 2RX)                           |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq 5$<br>$\leq 35$  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq 45$<br>$\leq 85$ | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 5.40  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 99.67 |       | -----                  | -----       |

| 802.11n_40MHz                             | unit    | ----- | ----- | Limit       | Result |
|-------------------------------------------|---------|-------|-------|-------------|--------|
| Measurement Frequency                     | MHz     | 2422  | 2462  | -----       | -----  |
| Channel Number                            | Ch.     | 3     | 11    | -----       | -----  |
| Declaration Output Power                  | mW/MHz  | 1.922 |       | $\leq 5$    | PASS   |
|                                           | dBm/MHz | 2.838 |       | $\leq 6.99$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 6.66  | 6.90  | $< 9.13$    | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----       | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----       | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----       | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----       | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----       | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----       | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----       | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11ax 20MHz System (2TX 2RX)                          |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq 5$<br>$\leq 35$  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq 45$<br>$\leq 85$ | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 5.45  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 99.71 |       | -----                  | -----       |

| 802.11ax 20MHz                            | unit    | ----- | ----- | Limit     | Result |
|-------------------------------------------|---------|-------|-------|-----------|--------|
| Measurement Frequency                     | MHz     | 2412  | 2472  | -----     | -----  |
| Channel Number                            | Ch.     | 1     | 13    | -----     | -----  |
| Declaration Output Power                  | mW/MHz  | 3.129 |       | $\leq 10$ | PASS   |
|                                           | dBm/MHz | 4.954 |       | $\leq 10$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 9.01  | 8.87  | < 12.14   | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----     | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----     | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----     | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11ax 40MHz System (2TX 2RX)                          |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq$ 5<br>$\leq$ 35  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq$ 45<br>$\leq$ 85 | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 5.35  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 99.66 |       | -----                  | -----       |

| 802.11ax_40MHz                            | unit    | ----- | ----- | Limit       | Result |
|-------------------------------------------|---------|-------|-------|-------------|--------|
| Measurement Frequency                     | MHz     | 2422  | 2462  | -----       | -----  |
| Channel Number                            | Ch.     | 3     | 11    | -----       | -----  |
| Declaration Output Power                  | mW/MHz  | 1.762 |       | $\leq 5$    | PASS   |
|                                           | dBm/MHz | 2.460 |       | $\leq 6.99$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 6.40  | 6.52  | $< 9.13$    | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----       | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----       | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----       | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----       | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----       | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----       | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----       | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11be 20MHz System (2TX 2RX)                          |  |  |  |

|                                                               | unit                                                                                                                                                                        | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                          | 22.3  |       | $\geq 5$<br>$\leq 35$  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                           | 64    |       | $\geq 45$<br>$\leq 85$ | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                         | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                        | 5.29  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                        | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                           | 99.70 |       | -----                  | -----       |

| 802.11be_20MHz                            | unit    | ----- | ----- | Limit     | Result |
|-------------------------------------------|---------|-------|-------|-----------|--------|
| Measurement Frequency                     | MHz     | 2412  | 2472  | -----     | -----  |
| Channel Number                            | Ch.     | 1     | 13    | -----     | -----  |
| Declaration Output Power                  | mW/MHz  | 3.216 |       | $\leq 10$ | PASS   |
|                                           | dBm/MHz | 5.073 |       | $\leq 10$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 8.89  | 9.12  | < 12.14   | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----     | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----     | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----     | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----     | PASS   |

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|               |                                                          |  |  |  |
|---------------|----------------------------------------------------------|--|--|--|
| Test Category | 2.4GHz Band Wideband Low-Power Data Communication System |  |  |  |
|               | 802.11be 40MHz System (2TX 2RX)                          |  |  |  |

|                                                               | unit                                                                                                                                                                      | ----- | ----- | Limit                  | Result      |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------------|-------------|
| Ambient Temperature                                           | °C                                                                                                                                                                        | 22.3  |       | $\geq$ 5<br>$\leq$ 35  | <b>PASS</b> |
| Relative Humidity                                             | %                                                                                                                                                                         | 64    |       | $\geq$ 45<br>$\leq$ 85 | <b>PASS</b> |
| Input Power Voltage                                           | VDC                                                                                                                                                                       | 7.74  |       | -----                  | -----       |
| The reason why the tests are performed only at rated voltage: | When the input voltage to receiver RF circuit varies below $\pm$ 1% as the input voltage from the external power supply to the receiver varies $\pm$ 10% (excluding power |       |       |                        |             |
| On Time (Burst wave)                                          | msec                                                                                                                                                                      | 5.36  |       | -----                  | -----       |
| Off Time (Burst wave)                                         | msec                                                                                                                                                                      | 0.02  |       | -----                  | -----       |
| Ratio (Burst wave)                                            | %                                                                                                                                                                         | 99.67 |       | -----                  | -----       |

| 802.11be_40MHz                            | unit    | ----- | ----- | Limit       | Result |
|-------------------------------------------|---------|-------|-------|-------------|--------|
| Measurement Frequency                     | MHz     | 2422  | 2462  | -----       | -----  |
| Channel Number                            | Ch.     | 3     | 11    | -----       | -----  |
| Declaration Output Power                  | mW/MHz  | 1.703 |       | $\leq 5$    | PASS   |
|                                           | dBm/MHz | 2.312 |       | $\leq 6.99$ | PASS   |
| E.I.R.P.                                  | dBm/MHz | 6.37  | 6.21  | $< 9.13$    | PASS   |
| Peak Antenna Gain (Chain0)                | dBi     | 3.81  |       | -----       | -----  |
| Peak Antenna Gain (Chain1)                | dBi     | 4.27  |       | -----       | -----  |
| Tested Circuit Insertion Loss (Chain0)    | dB      | 10.50 |       | -----       | -----  |
| Tested Circuit Insertion Loss (Chain1)    | dB      | 10.50 |       | -----       | -----  |
| Tested Circuit Insertion Loss (RX_Chain0) | dB      | 0.50  |       | -----       | -----  |
| Tested Circuit Insertion Loss (RX_Chain1) | dB      | 0.50  |       | -----       | -----  |
| Interference Prevention Function          | -----   | PASS  | PASS  | -----       | PASS   |

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## 2.2 Voltage Variation

| Voltage Fluctuation Test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Normal Voltage | High Voltage + 10% of Normal Voltage | Low Voltage - 10% of Normal Voltage |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|-------------------------------------|
| Input DC Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.74           | 8.51                                 | 6.97                                |
| Output DC Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.89           | 1.89                                 | 1.89                                |
| Voltage Variation (%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0              | 0                                    | 0                                   |
| <p>Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100</p> <p>During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.</p> |                |                                      |                                     |

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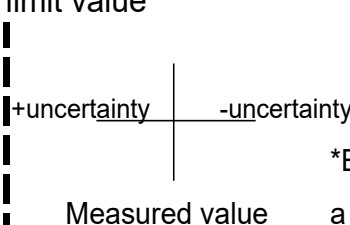
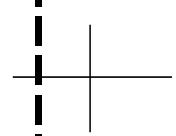
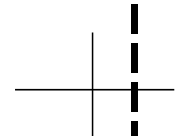
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### 3 ABOUT UNCERTAINTY OF MEASURED VALUE

- \*In this test, the influence of an error or uncertainty may be done according to the following factors.
- Bias of a measurement equipment, Change by aging, Attrition, Noise
  - Skill and capability of an inspector
  - Environment (Temperature, Humidity)
  - Dispersion in a EUT (Equipment Under Test)
  - Uncertainty of calibration of a measurement equipment

Therefore, Synthetic uncertainty is calculated using "k=2" of coverage factor, and about 95% of confidence level shall be obtained.

In consideration of the above, it judged as follows.

| JUDGE | Measured value and Standard limit value |                                                                                                                                                                                                                                 |
|-------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PASS  | Case1                                   |  <p>*Even if it takes uncertainty into consideration, a standard limit value is fulfilled.</p>                                                |
|       | Case2                                   |  <p>*Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.</p>  |
| FAIL  | Case3                                   |  <p>*Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.</p> |
|       | Case4                                   |  <p>*Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.</p>                                            |

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## 4 MEASUREMENT EQUIPMENT LIST

| Conducted Emission Test Site: Conducted F |            |                     |               |                           |                          |             |
|-------------------------------------------|------------|---------------------|---------------|---------------------------|--------------------------|-------------|
| EQUIPMENT TYPE                            | MFR        | MODEL NUMBER        | SERIAL NUMBER | LAST CAL.<br>(mm/dd/yyyy) | Calibration<br>Authority | Cal. Method |
| Attenuator                                | Woken      | WATT-218FS-10       | RF15          | 11/14/2024                | SGS                      | C)          |
| Attenuator                                | Woken      | WATT-218FS-10       | RF16          | 11/14/2024                | SGS                      | C)          |
| DC Block                                  | Marvelous  | MVE6114             | RF40          | 11/14/2024                | SGS                      | C)          |
| DC Power Supply                           | Agilent    | E3640A              | MY53170008    | 08/29/2024                | ETC                      | C)          |
| Power Meter                               | Anritsu    | ML2496A             | 2138005       | 09/25/2024                | ETC                      | C)          |
| Power Sensor                              | Anritsu    | MA2411B             | 1911395       | 09/25/2024                | ETC                      | C)          |
| Power Sensor                              | Anritsu    | MA2411B             | 1911396       | 09/25/2024                | ETC                      | C)          |
| Spectrum Analyzer                         | KEYSIGHT   | N9010B              | MY63440390    | 02/13/2025                | ETC                      | C)          |
| Test Software                             | SGS Taiwan | Radio Test Software | Ver.21        | N.C.R                     | N/A                      | N/A         |

**Note 1:** The validity of measurement equipment is one year from the first day of the following month of the calibration date.

(e.g. If the calibration date is December 15th, 2014, measurement equipment can be used from December 15th, 2014 to December 31st, 2015.)

**Note 2:** Calibration Method

- a): Calibration conducted by the National Institute of Information and Communications Technology(NICT)(hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- b): Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
- d) : Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

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## 5 OUTPUT POWER

| RF Output Power                      |         |       |       |              |        |
|--------------------------------------|---------|-------|-------|--------------|--------|
| 802.11b                              | unit    | ----- | ----- | Limit        | Result |
| Measurement Frequency                | MHz     | 2412  | 2472  | -----        | -----  |
| Channel Number                       | Ch.     | 1     | 13    | -----        | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 2.830 | 2.923 | $\leq 5.000$ | PASS   |
|                                      | dBm/MHz | 4.517 | 4.659 | $\leq 6.990$ |        |
| RF Output Power (Chain1)             | mW/MHz  | 3.164 | 3.063 | $\leq 5.000$ | PASS   |
|                                      | dBm/MHz | 5.002 | 4.861 | $\leq 6.990$ |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 5.994 | 5.986 | $\leq 10$    | PASS   |
|                                      | dBm/MHz | 7.777 | 7.771 | $\leq 10$    |        |
| RF Output Power Tolerance (Chain0+1) | %       | -0.01 | -0.13 | $\leq 20$    | PASS   |

| RF Output Power                      |         |       |       |              |        |
|--------------------------------------|---------|-------|-------|--------------|--------|
| 802.11g                              | unit    | ----- | ----- | Limit        | Result |
| Measurement Frequency                | MHz     | 2412  | 2472  | -----        | -----  |
| Channel Number                       | Ch.     | 1     | 13    | -----        | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 1.759 | 1.661 | $\leq 5.000$ | PASS   |
|                                      | dBm/MHz | 2.453 | 2.204 | $\leq 6.990$ |        |
| RF Output Power (Chain1)             | mW/MHz  | 1.689 | 1.822 | $\leq 5.000$ | PASS   |
|                                      | dBm/MHz | 2.277 | 2.604 | $\leq 6.990$ |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 3.448 | 3.482 | $\leq 10$    | PASS   |
|                                      | dBm/MHz | 5.376 | 5.419 | $\leq 10$    |        |
| RF Output Power Tolerance (Chain0+1) | %       | -0.97 | 0.01  | $\leq 20$    | PASS   |

| RF Output Power                      |         |       |       |              |        |
|--------------------------------------|---------|-------|-------|--------------|--------|
| 802.11n_20MHz                        | unit    | ----- | ----- | Limit        | Result |
| Measurement Frequency                | MHz     | 2412  | 2472  | -----        | -----  |
| Channel Number                       | Ch.     | 1     | 13    | -----        | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 1.658 | 1.532 | $\leq 5.000$ | PASS   |
|                                      | dBm/MHz | 2.197 | 1.851 | $\leq 6.990$ |        |
| RF Output Power (Chain1)             | mW/MHz  | 1.721 | 1.834 | $\leq 5.000$ | PASS   |
|                                      | dBm/MHz | 2.358 | 2.634 | $\leq 6.990$ |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 3.379 | 3.366 | $\leq 10$    | PASS   |
|                                      | dBm/MHz | 5.288 | 5.271 | $\leq 10$    |        |
| RF Output Power Tolerance (Chain0+1) | %       | 0.01  | -0.40 | $\leq 20$    | PASS   |

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| RF Output Power                      |         |        |        |         |        |
|--------------------------------------|---------|--------|--------|---------|--------|
| <b>802.11n_40MHz</b>                 | unit    | -----  | -----  | Limit   | Result |
| Measurement Frequency                | MHz     | 2422   | 2462   | -----   | -----  |
| Channel Number                       | Ch.     | 3      | 11     | -----   | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 0.783  | 0.888  | ≤ 2.500 | PASS   |
|                                      | dBm/MHz | -1.062 | -0.515 | ≤ 3.979 |        |
| RF Output Power (Chain1)             | mW/MHz  | 1.031  | 1.034  | ≤ 2.500 | PASS   |
|                                      | dBm/MHz | 0.132  | 0.145  | ≤ 3.979 |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 1.814  | 1.922  | ≤ 5     | PASS   |
|                                      | dBm/MHz | 2.586  | 2.838  | ≤ 6.99  |        |
| RF Output Power Tolerance (Chain0+1) | %       | -5.63  | 0.01   | ≤ 20    | PASS   |

| RF Output Power                      |         |       |       |         |        |
|--------------------------------------|---------|-------|-------|---------|--------|
| <b>802.11ax_20MHz</b>                | unit    | ----- | ----- | Limit   | Result |
| Measurement Frequency                | MHz     | 2412  | 2472  | -----   | -----  |
| Channel Number                       | Ch.     | 1     | 13    | -----   | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 1.474 | 1.543 | ≤ 5.000 | PASS   |
|                                      | dBm/MHz | 1.684 | 1.884 | ≤ 6.990 |        |
| RF Output Power (Chain1)             | mW/MHz  | 1.656 | 1.495 | ≤ 5.000 | PASS   |
|                                      | dBm/MHz | 2.190 | 1.748 | ≤ 6.990 |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 3.129 | 3.038 | ≤ 10    | PASS   |
|                                      | dBm/MHz | 4.955 | 4.827 | ≤ 10    |        |
| RF Output Power Tolerance (Chain0+1) | %       | 0.01  | -2.89 | ≤ 20    | PASS   |

| RF Output Power                      |         |        |        |         |        |
|--------------------------------------|---------|--------|--------|---------|--------|
| <b>802.11ax_40MHz</b>                | unit    | -----  | -----  | Limit   | Result |
| Measurement Frequency                | MHz     | 2422   | 2462   | -----   | -----  |
| Channel Number                       | Ch.     | 3      | 11     | -----   | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 0.853  | 0.823  | ≤ 2.500 | PASS   |
|                                      | dBm/MHz | -0.688 | -0.845 | ≤ 3.979 |        |
| RF Output Power (Chain1)             | mW/MHz  | 0.864  | 0.938  | ≤ 2.500 | PASS   |
|                                      | dBm/MHz | -0.635 | -0.276 | ≤ 3.979 |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 1.717  | 1.762  | ≤ 5     | PASS   |
|                                      | dBm/MHz | 2.349  | 2.459  | ≤ 6.99  |        |
| RF Output Power Tolerance (Chain0+1) | %       | -2.53  | -0.02  | ≤ 20    | PASS   |

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| RF Output Power                      |         |        |        |              |        |
|--------------------------------------|---------|--------|--------|--------------|--------|
| 802.11be 20MHz                       | unit    | -----  | -----  | Limit        | Result |
| Measurement Frequency                | MHz     | 2412   | 2472   | -----        | -----  |
| Channel Number                       | Ch.     | 1      | 13     | -----        | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 1.395  | 1.586  | $\leq$ 5.000 | PASS   |
|                                      | dBm/MHz | 1.445  | 2.003  | $\leq$ 6.990 |        |
| RF Output Power (Chain1)             | mW/MHz  | 1.641  | 1.630  | $\leq$ 5.000 | PASS   |
|                                      | dBm/MHz | 2.152  | 2.122  | $\leq$ 6.990 |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 3.036  | 3.216  | $\leq$ 10    | PASS   |
|                                      | dBm/MHz | 4.823  | 5.073  | $\leq$ 10    |        |
| RF Output Power Tolerance (Chain0+1) | %       | -5.60  | 0.00   | $\leq$ 20    | PASS   |
| RF Output Power                      |         |        |        |              |        |
| 802.11be 40MHz                       | unit    | -----  | -----  | Limit        | Result |
| Measurement Frequency                | MHz     | 2422   | 2462   | -----        | -----  |
| Channel Number                       | Ch.     | 3      | 11     | -----        | -----  |
| RF Output Power (Chain0)             | mW/MHz  | 0.808  | 0.776  | $\leq$ 2.500 | PASS   |
|                                      | dBm/MHz | -0.928 | -1.103 | $\leq$ 3.979 |        |
| RF Output Power (Chain1)             | mW/MHz  | 0.896  | 0.865  | $\leq$ 2.500 | PASS   |
|                                      | dBm/MHz | -0.478 | -0.628 | $\leq$ 3.979 |        |
| Total Output Power (Chain0+1)        | mW/MHz  | 1.703  | 1.641  | $\leq$ 5     | PASS   |
|                                      | dBm/MHz | 2.313  | 2.151  | $\leq$ 6.99  |        |
| RF Output Power Tolerance (Chain0+1) | %       | 0.03   | -3.63  | $\leq$ 20    | PASS   |

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## 6 FREQUENCY TOLERANCE

| Frequency Tolerance          |      |          |          |          |        |
|------------------------------|------|----------|----------|----------|--------|
| 802.11b                      | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2412     | 2472     | -----    | -----  |
| Channel Number               | Ch.  | 1        | 13       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2412.005 | 2472.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 2.07297  | 2.02265  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2412.005 | 2472.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.07297  | 2.02265  | ≤ 50.00  |        |
| Frequency Tolerance          |      |          |          |          |        |
| 802.11g                      | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2412     | 2472     | -----    | -----  |
| Channel Number               | Ch.  | 1        | 13       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2412.005 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 2.07297  | 1.61812  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2412.005 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.07297  | 1.61812  | ≤ 50.00  |        |
| Frequency Tolerance          |      |          |          |          |        |
| 802.11n_20MHz                | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2412     | 2472     | -----    | -----  |
| Channel Number               | Ch.  | 1        | 13       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2412.005 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 2.07297  | 1.61812  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2412.005 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.07297  | 1.61812  | ≤ 50.00  |        |
| Frequency Tolerance          |      |          |          |          |        |
| 802.11n_40MHz                | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2422     | 2462     | -----    | -----  |
| Channel Number               | Ch.  | 3        | 11       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2422.005 | 2462.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 2.06441  | 2.03087  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2422.005 | 2462.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.06441  | 2.03087  | ≤ 50.00  |        |
| Frequency Tolerance          |      |          |          |          |        |
| 802.11ax_20MHz               | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2412     | 2472     | -----    | -----  |
| Channel Number               | Ch.  | 1        | 13       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2412.004 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 1.65837  | 1.61812  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2412.005 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.07297  | 1.61812  | ≤ 50.00  |        |

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| Frequency Tolerance          |      |          |          |          |        |
|------------------------------|------|----------|----------|----------|--------|
| 802.11ax_40MHz               | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2422     | 2462     | -----    | -----  |
| Channel Number               | Ch.  | 3        | 11       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2422.005 | 2462.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 2.06441  | 2.03087  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2422.005 | 2462.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.06441  | 2.03087  | ≤ 50.00  |        |
| Frequency Tolerance          |      |          |          |          |        |
| 802.11be_20MHz               | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2412     | 2472     | -----    | -----  |
| Channel Number               | Ch.  | 1        | 13       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2412.004 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 1.65837  | 1.61812  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2412.004 | 2472.004 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 1.65837  | 1.61812  | ≤ 50.00  |        |
| Frequency Tolerance          |      |          |          |          |        |
| 802.11be_40MHz               | unit | -----    | -----    | Limit    | Result |
| Measurement Frequency        | MHz  | 2422     | 2462     | -----    | -----  |
| Channel Number               | Ch.  | 3        | 11       | -----    | -----  |
| Reading Frequency (Chain0)   | MHz  | 2422.005 | 2462.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain0) | ppm  | 2.06441  | 2.03087  | ≤ 50.00  |        |
| Reading Frequency (Chain1)   | MHz  | 2422.005 | 2462.005 | ≥ -50.00 | PASS   |
| Frequency Tolerance (Chain1) | ppm  | 2.06441  | 2.03087  | ≤ 50.00  |        |

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## 7 OCCUPIED BANDWIDTH

| Occupied Bandwidth          |      |        |        |       |             |
|-----------------------------|------|--------|--------|-------|-------------|
| <b>802.11b</b>              | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2412   | 2472   | ----- | -----       |
| Channel Number              | Ch.  | 1      | 13     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 12.750 | 12.666 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 12.723 | 12.729 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth          |      |        |        |       |             |
| <b>802.11g</b>              | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2412   | 2472   | ----- | -----       |
| Channel Number              | Ch.  | 1      | 13     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 16.977 | 16.971 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 16.922 | 16.956 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth          |      |        |        |       |             |
| <b>802.11n_20MHz</b>        | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2412   | 2472   | ----- | -----       |
| Channel Number              | Ch.  | 1      | 13     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 18.068 | 18.061 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 18.021 | 18.059 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth          |      |        |        |       |             |
| <b>802.11n_40MHz</b>        | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2422   | 2462   | ----- | -----       |
| Channel Number              | Ch.  | 3      | 11     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 36.574 | 36.451 | ≤ 40  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 36.497 | 36.376 | ≤ 40  | <b>PASS</b> |
| Occupied Bandwidth          |      |        |        |       |             |
| <b>802.11ax_20MHz</b>       | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2412   | 2472   | ----- | -----       |
| Channel Number              | Ch.  | 1      | 13     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 19.162 | 19.112 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 19.126 | 19.142 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth          |      |        |        |       |             |
| <b>802.11ax_40MHz</b>       | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2422   | 2462   | ----- | -----       |
| Channel Number              | Ch.  | 3      | 11     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 38.032 | 37.976 | ≤ 40  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 37.984 | 37.939 | ≤ 40  | <b>PASS</b> |
| Occupied Bandwidth          |      |        |        |       |             |
| <b>802.11be_20MHz</b>       | unit | -----  | -----  | Limit | Result      |
| Measurement Frequency       | MHz  | 2412   | 2472   | ----- | -----       |
| Channel Number              | Ch.  | 1      | 13     | ----- | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 19.167 | 19.134 | ≤ 26  | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 19.145 | 19.163 | ≤ 26  | <b>PASS</b> |

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| Occupied Bandwidth          |      |        |        |           |             |
|-----------------------------|------|--------|--------|-----------|-------------|
| 802.11be_40MHz              | unit | -----  | -----  | Limit     | Result      |
| Measurement Frequency       | MHz  | 2422   | 2462   | -----     | -----       |
| Channel Number              | Ch.  | 3      | 11     | -----     | -----       |
| Occupied Bandwidth (Chain0) | MHz  | 38.099 | 37.970 | $\leq$ 40 | <b>PASS</b> |
| Occupied Bandwidth (Chain1) | MHz  | 38.041 | 37.996 | $\leq$ 40 | <b>PASS</b> |

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## 8 UNWANTED EMISSION STRENGTH

| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11b                                | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.0200  | 0.0318  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2188.50 | 1941.40 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 0.8851  | 0.0254  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.99 | 2390.56 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.0193  | 0.8851  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2486.32 | 2483.50 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.0322  | 0.0319  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3887.00 | 3836.00 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.0212  | 0.0222  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2381.50 | 1952.40 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 0.9057  | 0.0277  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.98 | 2398.56 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.0216  | 1.0162  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2484.61 | 2483.50 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.0313  | 0.0320  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3738.00 | 3811.50 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11b                                | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.0412  | 0.0540  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2381.50 | 1952.40 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 1.7908  | 0.0531  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.99 | 2398.56 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.0409  | 1.9014  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2486.32 | 2483.50 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0635  | 0.0639  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3887.00 | 3836.00 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11g                                | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.0298  | 0.0125  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2387.00 | 2324.20 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 2.1827  | 0.0202  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.98 | 2395.89 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.0215  | 4.3053  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2484.14 | 2483.66 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.0295  | 0.0325  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3815.50 | 3840.00 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.1510  | 0.0152  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.30 | 2382.40 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 2.0417  | 0.0341  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.49 | 2398.52 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.0248  | 6.6834  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2484.91 | 2483.50 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.0377  | 0.0300  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3825.50 | 3890.50 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11g                                | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.1808  | 0.0277  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2387.00 | 2382.40 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 4.2245  | 0.0543  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.98 | 2398.52 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.0463  | 10.9887 | ≤ 25.00 | PASS   |
|                                        | MHz    | 2484.91 | 2483.66 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0672  | 0.0625  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3825.50 | 3890.50 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11n_20MHz                          | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.1552  | 0.0195  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2387.00 | 2381.70 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 2.6607  | 0.0280  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.95 | 2399.81 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.0221  | 7.1945  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2485.67 | 2483.55 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.0361  | 0.0284  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3735.50 | 3864.50 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.3508  | 0.0180  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.30 | 2378.90 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 3.4834  | 0.0276  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.85 | 2394.49 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.0241  | 7.9068  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2486.68 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.0266  | 0.0311  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3865.50 | 3830.00 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11n_20MHz                          | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.5060  | 0.0376  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2387.00 | 2381.70 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 6.1441  | 0.0556  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.95 | 2399.81 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.0462  | 15.1013 | ≤ 25.00 | PASS   |
|                                        | MHz    | 2486.68 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0627  | 0.0596  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3865.50 | 3864.50 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11n_40MHz                          | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2422    | 2462    | -----   | -----  |
| Channel Number                         | Ch.    | 3       | 11      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.2328  | 0.0181  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.61 | 2385.50 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 2.9923  | 0.1091  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.85 | 2399.32 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.0847  | 3.2063  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2487.89 | 2483.53 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.0286  | 0.0300  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3896.00 | 3814.00 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.2748  | 0.0399  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.84 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 2.5468  | 0.1384  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.94 | 2399.54 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.0865  | 3.9174  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2485.06 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.0290  | 0.0344  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3913.50 | 3829.00 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11n_40MHz                          | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2422    | 2462    | -----   | -----  |
| Channel Number                         | Ch.    | 3       | 11      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.5076  | 0.0580  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2386.84 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 5.5391  | 0.2475  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.94 | 2399.54 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.1712  | 7.1237  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2487.89 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0575  | 0.0643  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3913.50 | 3829.00 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11ax_20MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.562   | 0.019   | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.70 | 2277.20 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 2.529   | 0.034   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.96 | 2399.84 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.026   | 4.385   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2487.17 | 2483.62 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.035   | 0.029   | ≤ 1.25  | PASS   |
|                                        | MHz    | 3793.50 | 3752.00 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.173   | 0.011   | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.78 | 2369.60 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 2.506   | 0.045   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.90 | 2396.27 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.028   | 5.212   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2485.00 | 2483.54 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.036   | 0.033   | ≤ 1.25  | PASS   |
|                                        | MHz    | 3827.50 | 3892.50 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11ax_20MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.7349  | 0.0294  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2386.78 | 2369.60 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 5.0354  | 0.0785  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.96 | 2399.84 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.0537  | 9.5973  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2487.17 | 2483.62 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0710  | 0.0620  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3827.50 | 3892.50 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11ax_40MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2422    | 2462    | -----   | -----  |
| Channel Number                         | Ch.    | 3       | 11      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.2679  | 0.0226  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.77 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 1.6943  | 0.1828  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.59 | 2398.50 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.0822  | 1.9364  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2483.92 | 2483.72 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.0275  | 0.0308  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3825.00 | 3838.50 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.5047  | 0.0331  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.38 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 2.1528  | 0.1901  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.95 | 2397.73 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.1253  | 2.5527  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2485.53 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.0236  | 0.0327  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3889.50 | 3753.00 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11ax_40MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2422    | 2462    | -----   | -----  |
| Channel Number                         | Ch.    | 3       | 11      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.7726  | 0.0558  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2386.77 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 3.8471  | 0.3729  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.95 | 2398.50 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.2075  | 4.4891  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2485.53 | 2483.72 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0510  | 0.0635  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3889.50 | 3838.50 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11be_20MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.067   | 0.020   | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.66 | 2386.80 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 2.495   | 0.033   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2400.00 | 2395.92 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.024   | 4.457   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2487.26 | 2483.52 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.035   | 0.035   | ≤ 1.25  | PASS   |
|                                        | MHz    | 3848.50 | 3789.50 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.142   | 0.026   | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.55 | 2385.00 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 2.564   | 0.039   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.96 | 2395.38 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.029   | 5.000   | ≤ 12.50 | PASS   |
|                                        | MHz    | 2485.20 | 2483.50 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.027   | 0.026   | ≤ 1.25  | PASS   |
|                                        | MHz    | 3784.00 | 3911.50 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11be_20MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2412    | 2472    | -----   | -----  |
| Channel Number                         | Ch.    | 1       | 13      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.2090  | 0.0452  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2386.66 | 2386.80 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 5.0591  | 0.0714  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2400.00 | 2395.92 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.0538  | 9.4569  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2487.26 | 2483.52 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0615  | 0.0601  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3848.50 | 3911.50 | -----   |        |

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| Unwanted Emission Strength (Chain 0&1) |        |         |         |         |        |
|----------------------------------------|--------|---------|---------|---------|--------|
| 802.11be_40MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2422    | 2462    | -----   | -----  |
| Channel Number                         | Ch.    | 3       | 11      | -----   | -----  |
| Under 2387MHz (Chain0)                 | μW/MHz | 0.2553  | 0.0229  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.76 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz (Chain0)                | μW/MHz | 1.8707  | 0.1486  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.87 | 2399.92 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain0)            | μW/MHz | 0.0791  | 1.9275  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2484.18 | 2483.52 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain0)           | μW/MHz | 0.0305  | 0.0275  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3804.50 | 3806.00 | -----   |        |
| Under 2387MHz (Chain1)                 | μW/MHz | 0.4365  | 0.0132  | ≤ 1.25  | PASS   |
|                                        | MHz    | 2386.46 | 2095.50 | -----   |        |
| 2387 ~ 2400MHz (Chain1)                | μW/MHz | 1.9953  | 0.0689  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2399.81 | 2392.31 | -----   |        |
| 2483.5 ~ 2496.5MHz (Chain1)            | μW/MHz | 0.1297  | 2.4774  | ≤ 12.50 | PASS   |
|                                        | MHz    | 2484.91 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz (Chain1)           | μW/MHz | 0.0329  | 0.0279  | ≤ 1.25  | PASS   |
|                                        | MHz    | 3836.00 | 3790.00 | -----   |        |
| Unwanted Emission Strength (Total)     |        |         |         |         |        |
| 802.11be_40MHz                         | unit   | -----   | -----   | Limit   | Result |
| Measurement Frequency                  | MHz    | 2422    | 2462    | -----   | -----  |
| Channel Number                         | Ch.    | 3       | 11      | -----   | -----  |
| Under 2387MHz                          | μW/MHz | 0.6918  | 0.0361  | ≤ 2.50  | PASS   |
|                                        | MHz    | 2386.76 | 2387.00 | -----   |        |
| 2387 ~ 2400MHz                         | μW/MHz | 3.8659  | 0.2175  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2399.87 | 2399.92 | -----   |        |
| 2483.5 ~ 2496.5MHz                     | μW/MHz | 0.2088  | 4.4049  | ≤ 25.00 | PASS   |
|                                        | MHz    | 2484.91 | 2483.57 | -----   |        |
| 2496.5MHz ~ 12.5GHz                    | μW/MHz | 0.0634  | 0.0554  | ≤ 2.50  | PASS   |
|                                        | MHz    | 3836.00 | 3806.00 | -----   |        |

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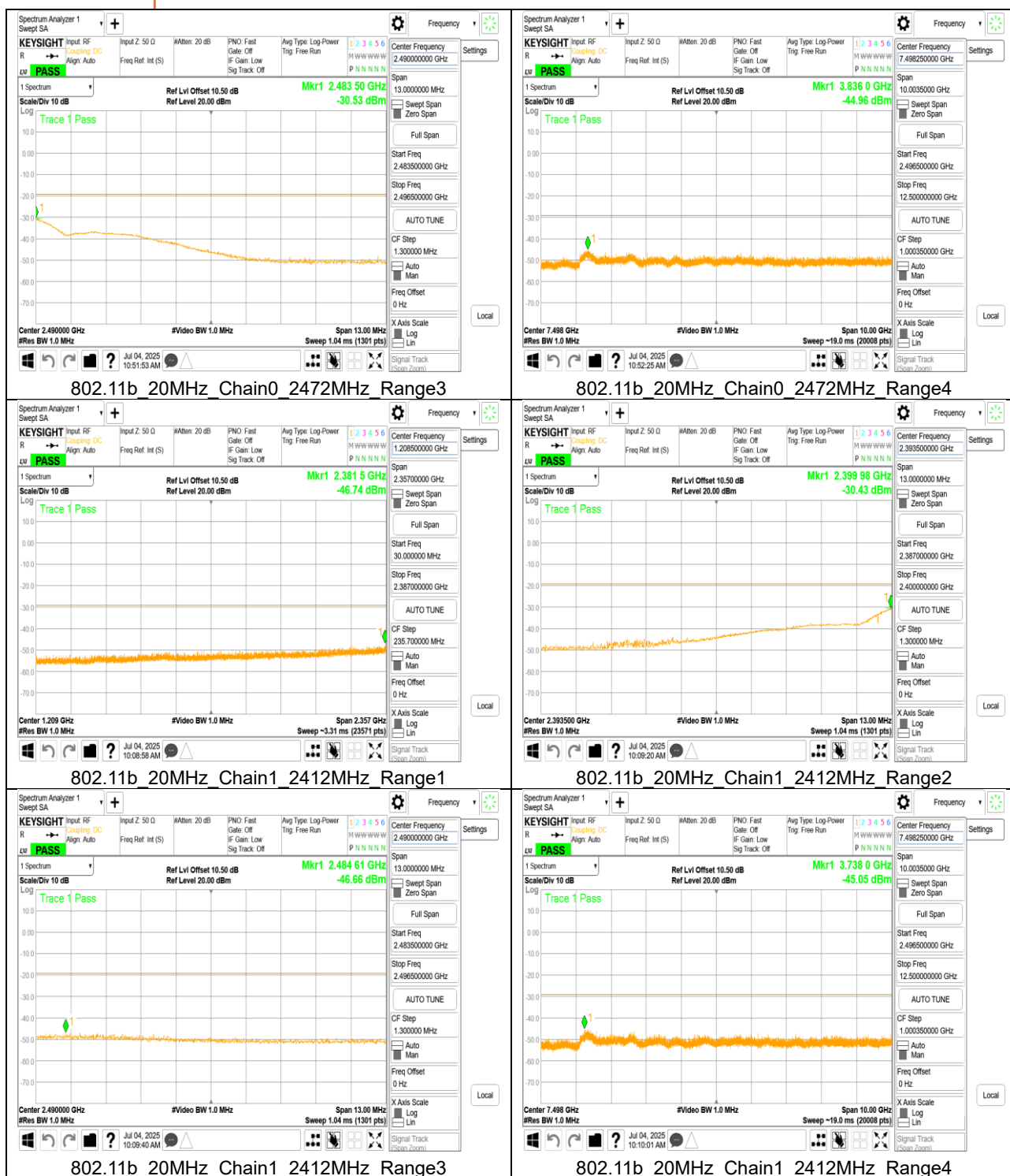
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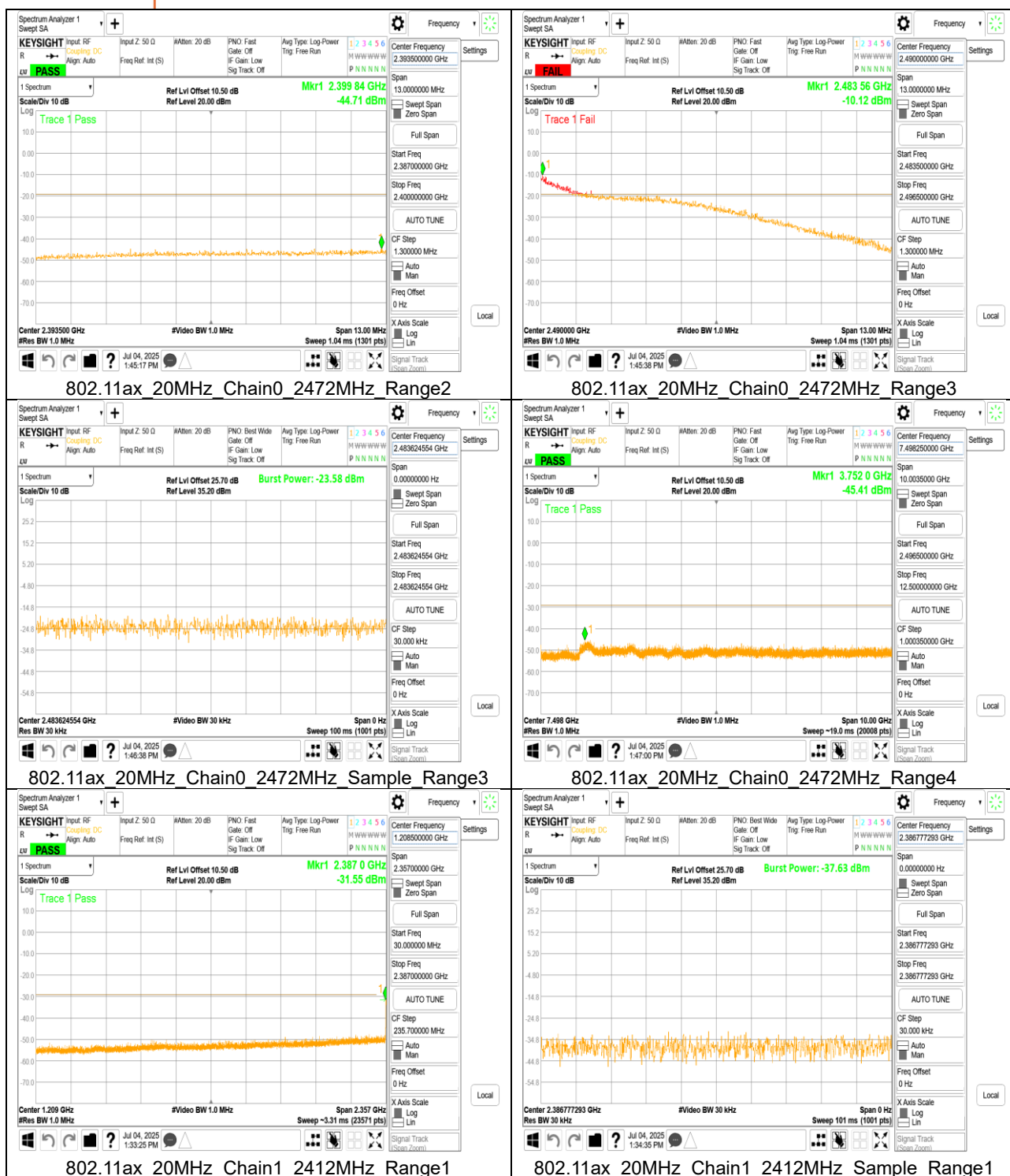
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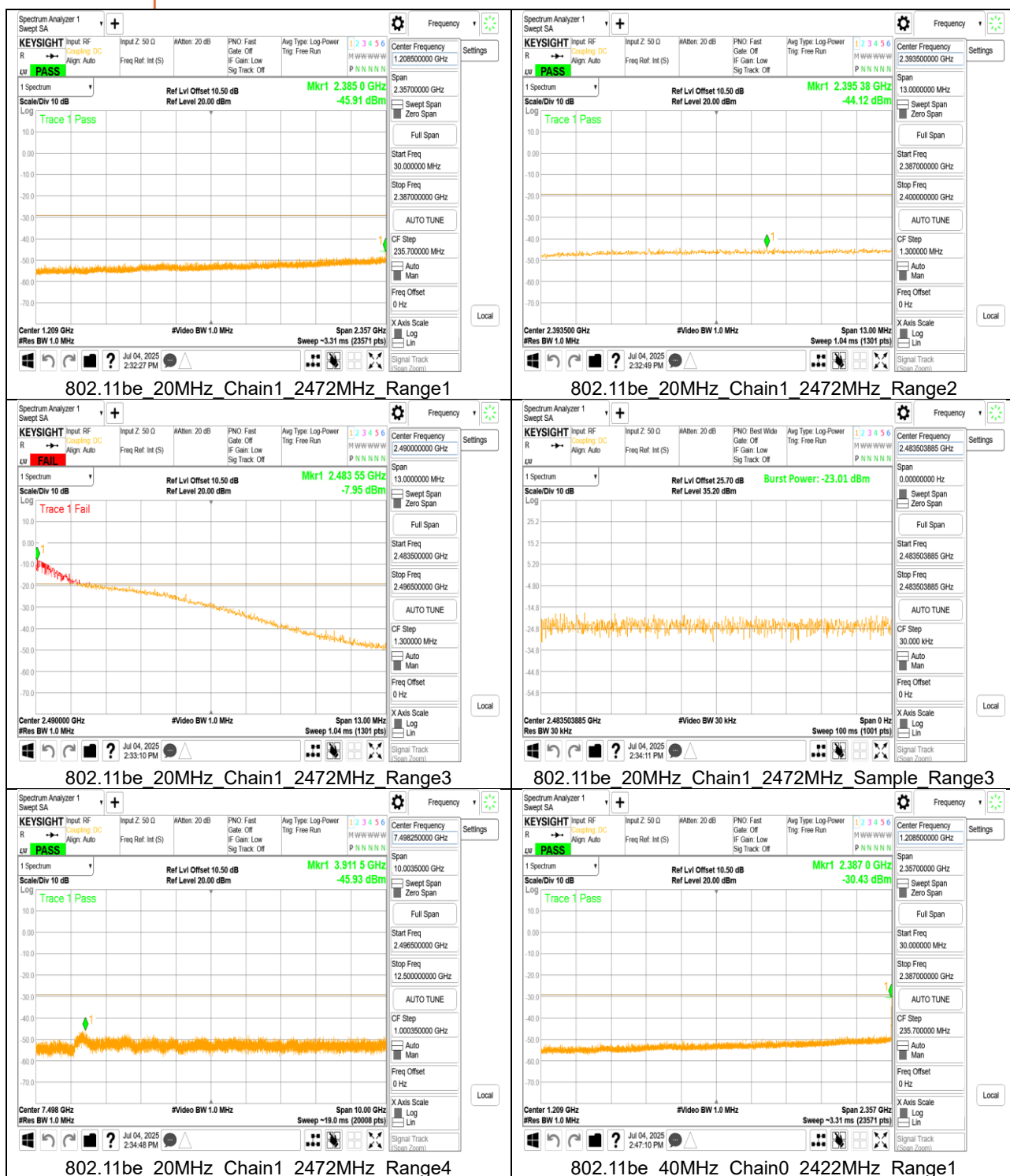
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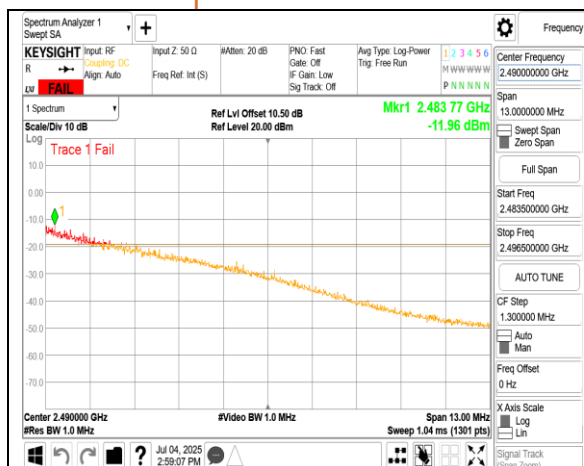
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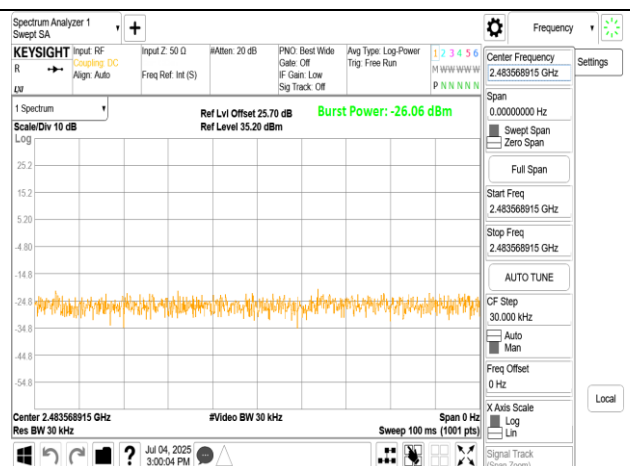
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802.11be\_40MHz\_Chain1\_2462MHz\_Range3



802.11be\_40MHz\_Chain1\_2462MHz\_Sample\_Range3



802.11be\_40MHz\_Chain1\_2462MHz\_Range4

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## 9 SECONDARILY EMITTED RADIO WAVE STRENGTH

| Secondarily emitted radio wave strength |      |         |         |         |        |
|-----------------------------------------|------|---------|---------|---------|--------|
| 802.11b                                 | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2412    | 2472    | -----   | -----  |
| Channel Number                          | Ch.  | 1       | 13      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.004   | 0.005   | ≤ 2.00  | PASS   |
|                                         | MHz  | 739.30  | 914.60  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 1.858   | 0.847   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5693.00 | 5678.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.003   | 0.009   | ≤ 2.00  | PASS   |
|                                         | MHz  | 932.50  | 441.30  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 2.094   | 0.697   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5683.00 | 5658.00 | -----   |        |
| Under 1GHz (Chain0+1)                   | nW   | 0.007   | 0.014   | ≤ 4.00  | PASS   |
|                                         | MHz  | 932.50  | 914.60  | -----   |        |
| 1 - 12.5GHz (Chain0+1)                  | nW   | 3.952   | 1.544   | ≤ 20.00 | PASS   |
|                                         | MHz  | 5693.00 | 5678.00 | -----   |        |
| Secondarily emitted radio wave strength |      |         |         |         |        |
| 802.11g                                 | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2412    | 2472    | -----   | -----  |
| Channel Number                          | Ch.  | 1       | 13      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.003   | 0.006   | ≤ 2.00  | PASS   |
|                                         | MHz  | 932.10  | 934.60  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 1.216   | 1.600   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5662.91 | 2515.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.003   | 0.004   | ≤ 2.00  | PASS   |
|                                         | MHz  | 949.30  | 932.10  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 0.001   | 1.050   | ≤ 10.00 | PASS   |
|                                         | MHz  | 3400.64 | 5660.86 | -----   |        |
| Under 1GHz (Chain0+1)                   | nW   | 0.006   | 0.010   | ≤ 4.00  | PASS   |
|                                         | MHz  | 949.30  | 934.60  | -----   |        |
| 1 - 12.5GHz (Chain0+1)                  | nW   | 1.217   | 2.649   | ≤ 20.00 | PASS   |
|                                         | MHz  | 5662.91 | 5660.86 | -----   |        |

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| Secondarily emitted radio wave strength |      |         |         |         |        |
|-----------------------------------------|------|---------|---------|---------|--------|
| 802.11n_20MHz                           | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2412    | 2472    | -----   | -----  |
| Channel Number                          | Ch.  | 1       | 13      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.003   | 0.003   | ≤ 2.00  | PASS   |
|                                         | MHz  | 932.70  | 932.40  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 2.483   | 1.239   | ≤ 10.00 | PASS   |
|                                         | MHz  | 1943.00 | 1947.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.003   | 0.003   | ≤ 2.00  | PASS   |
|                                         | MHz  | 443.90  | 948.70  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 4.581   | 1.276   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5664.00 | 1942.00 | -----   |        |
| Under 1GHz (Chain0+1)                   | nW   | 0.005   | 0.007   | ≤ 4.00  | PASS   |
|                                         | MHz  | 932.70  | 948.70  | -----   |        |
| 1 - 12.5GHz (Chain0+1)                  | nW   | 7.065   | 2.515   | ≤ 20.00 | PASS   |
|                                         | MHz  | 5664.00 | 1947.00 | -----   |        |
| Secondarily emitted radio wave strength |      |         |         |         |        |
| 802.11n_40MHz                           | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2422    | 2462    | -----   | -----  |
| Channel Number                          | Ch.  | 3       | 11      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.004   | 0.003   | ≤ 2.00  | PASS   |
|                                         | MHz  | 932.50  | 933.40  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 0.147   | 0.708   | ≤ 10.00 | PASS   |
|                                         | MHz  | 2446.00 | 5717.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.003   | 0.001   | ≤ 2.00  | PASS   |
|                                         | MHz  | 949.30  | 933.50  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 0.001   | 1.442   | ≤ 10.00 | PASS   |
|                                         | MHz  | 1943.80 | 1953.00 | -----   |        |
| Under 1GHz (Chain0+1)                   | nW   | 0.007   | 0.005   | ≤ 4.00  | PASS   |
|                                         | MHz  | 949.30  | 933.50  | -----   |        |
| 1 - 12.5GHz (Chain0+1)                  | nW   | 0.148   | 2.150   | ≤ 20.00 | PASS   |
|                                         | MHz  | 2446.00 | 5717.00 | -----   |        |
| Secondarily emitted radio wave strength |      |         |         |         |        |
| 802.11ax_20MHz                          | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2412    | 2472    | -----   | -----  |
| Channel Number                          | Ch.  | 1       | 13      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.004   | 0.004   | ≤ 2.00  | PASS   |
|                                         | MHz  | 934.20  | 934.40  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 0.524   | 1.585   | ≤ 10.00 | PASS   |
|                                         | MHz  | 1937.00 | 5663.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.002   | 0.004   | ≤ 2.00  | PASS   |
|                                         | MHz  | 943.90  | 931.80  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 0.339   | 2.529   | ≤ 10.00 | PASS   |
|                                         | MHz  | 1954.00 | 5687.00 | -----   |        |
| Under 1GHz (Chain0+1)                   | nW   | 0.006   | 0.008   | ≤ 4.00  | PASS   |
|                                         | MHz  | 943.90  | 934.40  | -----   |        |
| 1 - 12.5GHz (Chain0+1)                  | nW   | 0.862   | 4.114   | ≤ 20.00 | PASS   |
|                                         | MHz  | 1954.00 | 5687.00 | -----   |        |

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| Secondarily emitted radio wave strength |      |         |         |         |        |
|-----------------------------------------|------|---------|---------|---------|--------|
| 802.11ax_40MHz                          | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2422    | 2462    | -----   | -----  |
| Channel Number                          | Ch.  | 3       | 11      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.005   | 0.004   | ≤ 2.00  | PASS   |
|                                         | MHz  | 934.40  | 930.80  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 1.419   | 0.043   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5693.00 | 2526.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.003   | 0.004   | ≤ 2.00  | PASS   |
|                                         | MHz  | 934.40  | 948.90  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 4.093   | 0.277   | ≤ 10.00 | PASS   |
|                                         | MHz  | 1937.00 | 1953.16 | -----   |        |
| Under 1GHz<br>(Chain0+1)                | nW   | 0.008   | 0.008   | ≤ 4.00  | PASS   |
|                                         | MHz  | 934.40  | 948.90  | -----   |        |
| 1 - 12.5GHz<br>(Chain0+1)               | nW   | 5.512   | 0.320   | ≤ 20.00 | PASS   |
|                                         | MHz  | 5693.00 | 2526.00 | -----   |        |
| Secondarily emitted radio wave strength |      |         |         |         |        |
| 802.11be_20MHz                          | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2412    | 2472    | -----   | -----  |
| Channel Number                          | Ch.  | 1       | 13      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.003   | 0.002   | ≤ 2.00  | PASS   |
|                                         | MHz  | 930.30  | 932.20  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 2.023   | 0.925   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5683.00 | 5704.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.002   | 0.002   | ≤ 2.00  | PASS   |
|                                         | MHz  | 930.40  | 932.90  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 3.281   | 0.001   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5666.00 | 1941.11 | -----   |        |
| Under 1GHz<br>(Chain0+1)                | nW   | 0.005   | 0.004   | ≤ 4.00  | PASS   |
|                                         | MHz  | 930.40  | 932.90  | -----   |        |
| 1 - 12.5GHz<br>(Chain0+1)               | nW   | 5.304   | 0.925   | ≤ 20.00 | PASS   |
|                                         | MHz  | 5683.00 | 5704.00 | -----   |        |
| Secondarily emitted radio wave strength |      |         |         |         |        |
| 802.11be_40MHz                          | unit | -----   | -----   | Limit   | Result |
| Measurement Frequency                   | MHz  | 2422    | 2462    | -----   | -----  |
| Channel Number                          | Ch.  | 3       | 11      | -----   | -----  |
| Under 1GHz (Chain0)                     | nW   | 0.004   | 0.003   | ≤ 2.00  | PASS   |
|                                         | MHz  | 932.10  | 932.60  | -----   |        |
| 1 - 12.5GHz (Chain0)                    | nW   | 3.273   | 1.014   | ≤ 10.00 | PASS   |
|                                         | MHz  | 5654.00 | 5658.00 | -----   |        |
| Under 1GHz (Chain1)                     | nW   | 0.005   | 0.004   | ≤ 2.00  | PASS   |
|                                         | MHz  | 949.30  | 948.50  | -----   |        |
| 1 - 12.5GHz (Chain1)                    | nW   | 2.143   | 0.822   | ≤ 10.00 | PASS   |
|                                         | MHz  | 1937.00 | 2529.00 | -----   |        |
| Under 1GHz<br>(Chain0+1)                | nW   | 0.009   | 0.007   | ≤ 4.00  | PASS   |
|                                         | MHz  | 949.30  | 948.50  | -----   |        |
| 1 - 12.5GHz<br>(Chain0+1)               | nW   | 5.416   | 1.836   | ≤ 20.00 | PASS   |
|                                         | MHz  | 5654.00 | 5658.00 | -----   |        |

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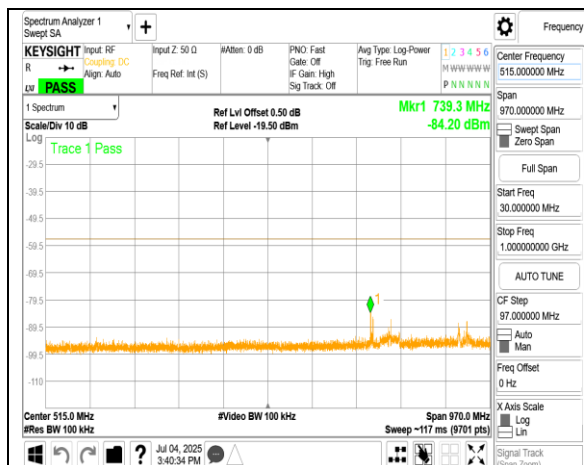
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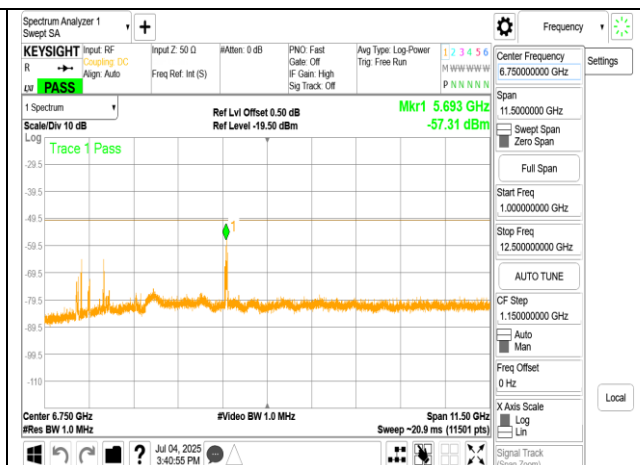
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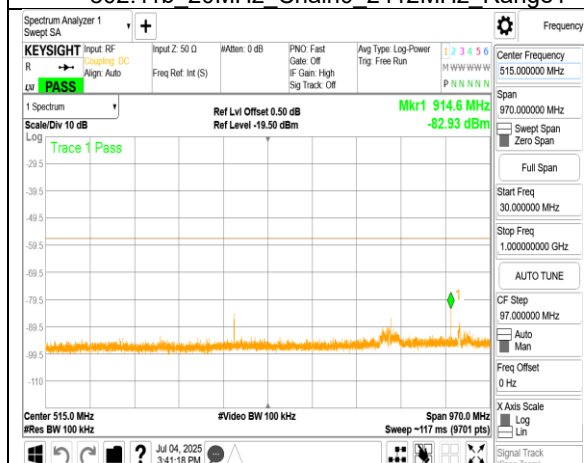
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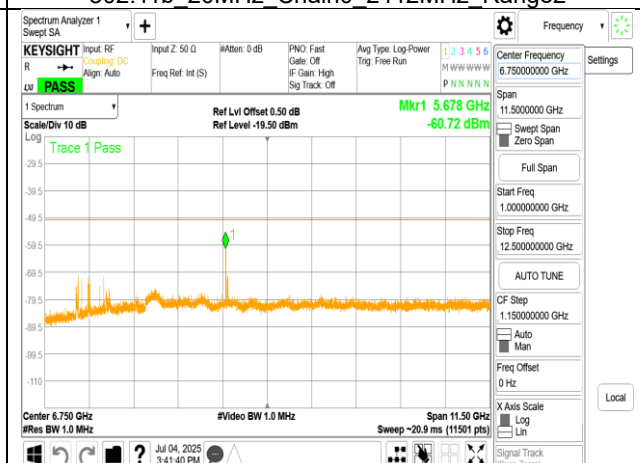
802.11b 20MHz Chain0 2412MHz Range1



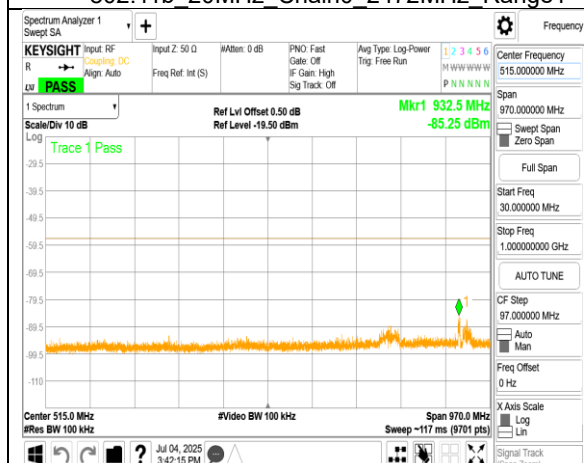
802.11b 20MHz Chain0 2412MHz Range2



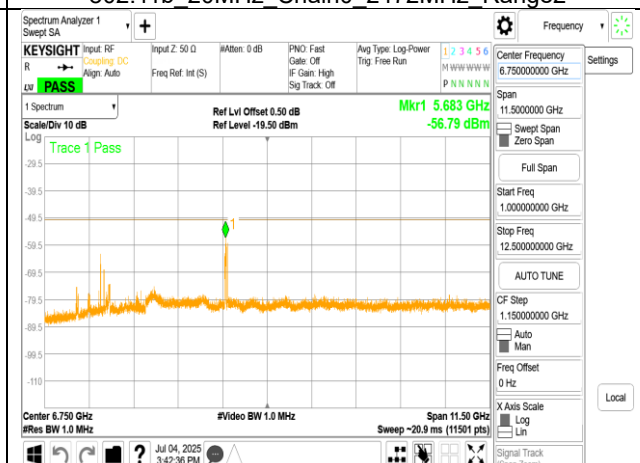
802.11b 20MHz Chain0 2472MHz Range1



802.11b 20MHz Chain0 2472MHz Range2



802.11b 20MHz Chain1 2412MHz Range1



802.11b 20MHz Chain1 2412MHz Range2

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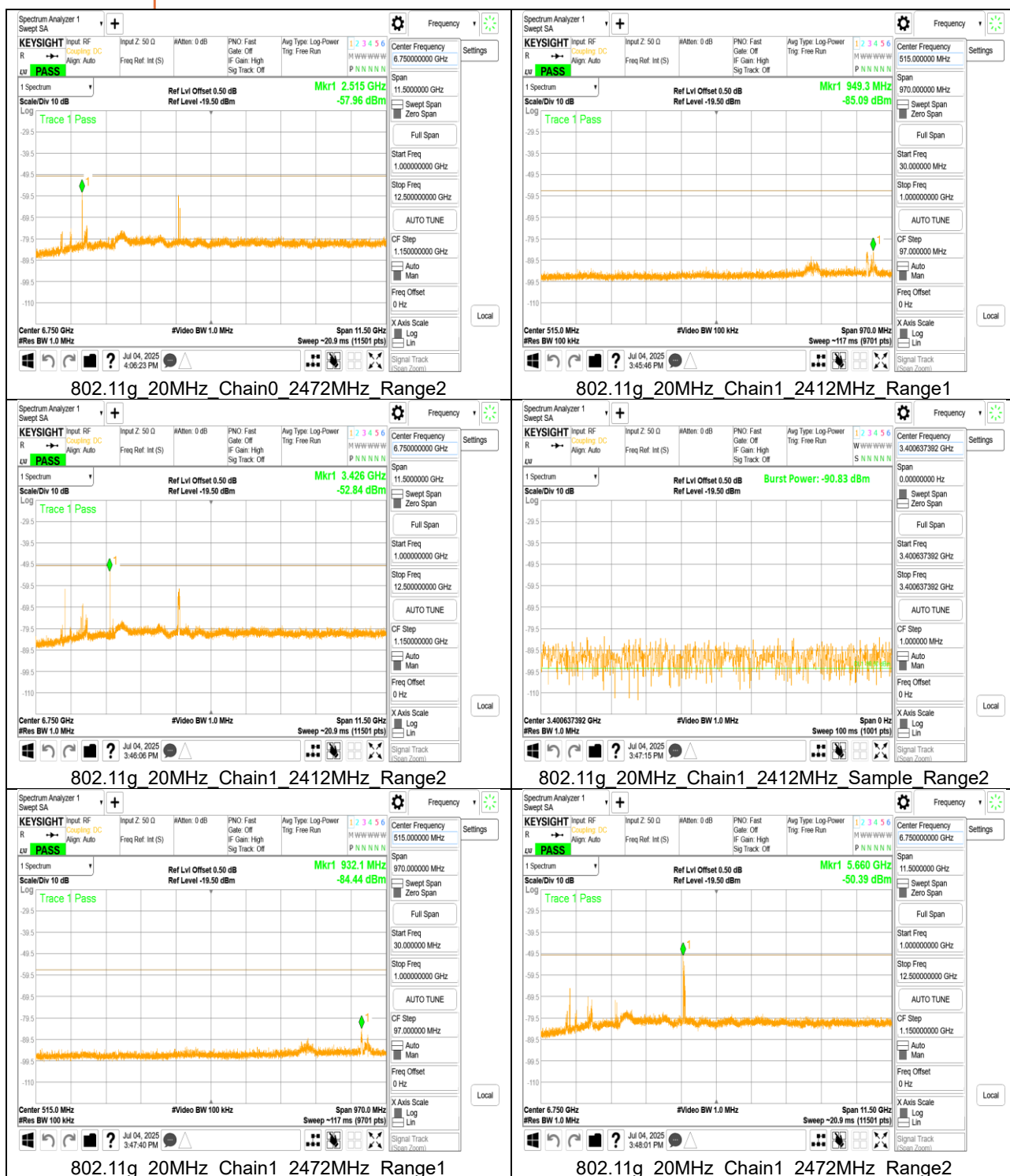
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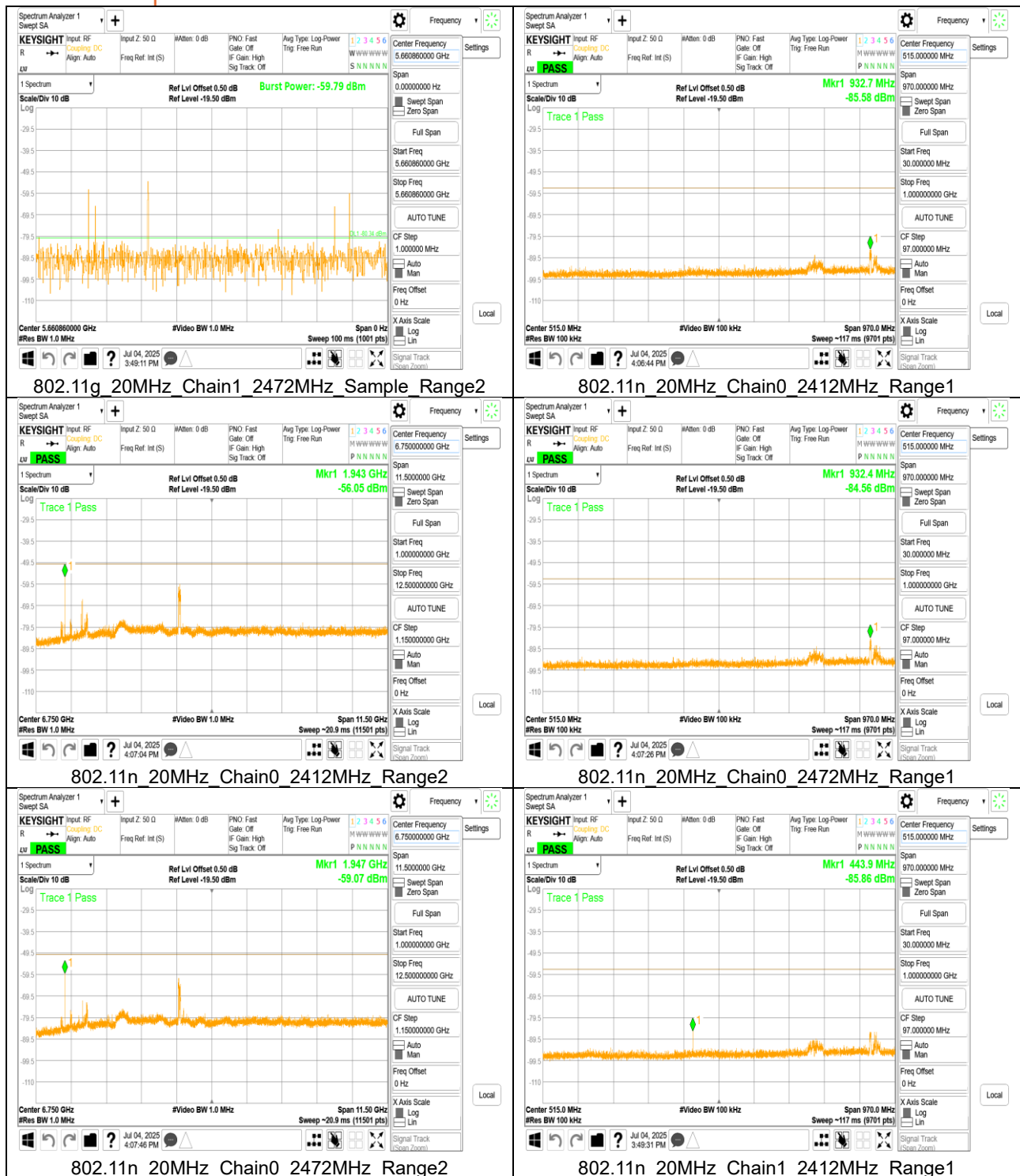
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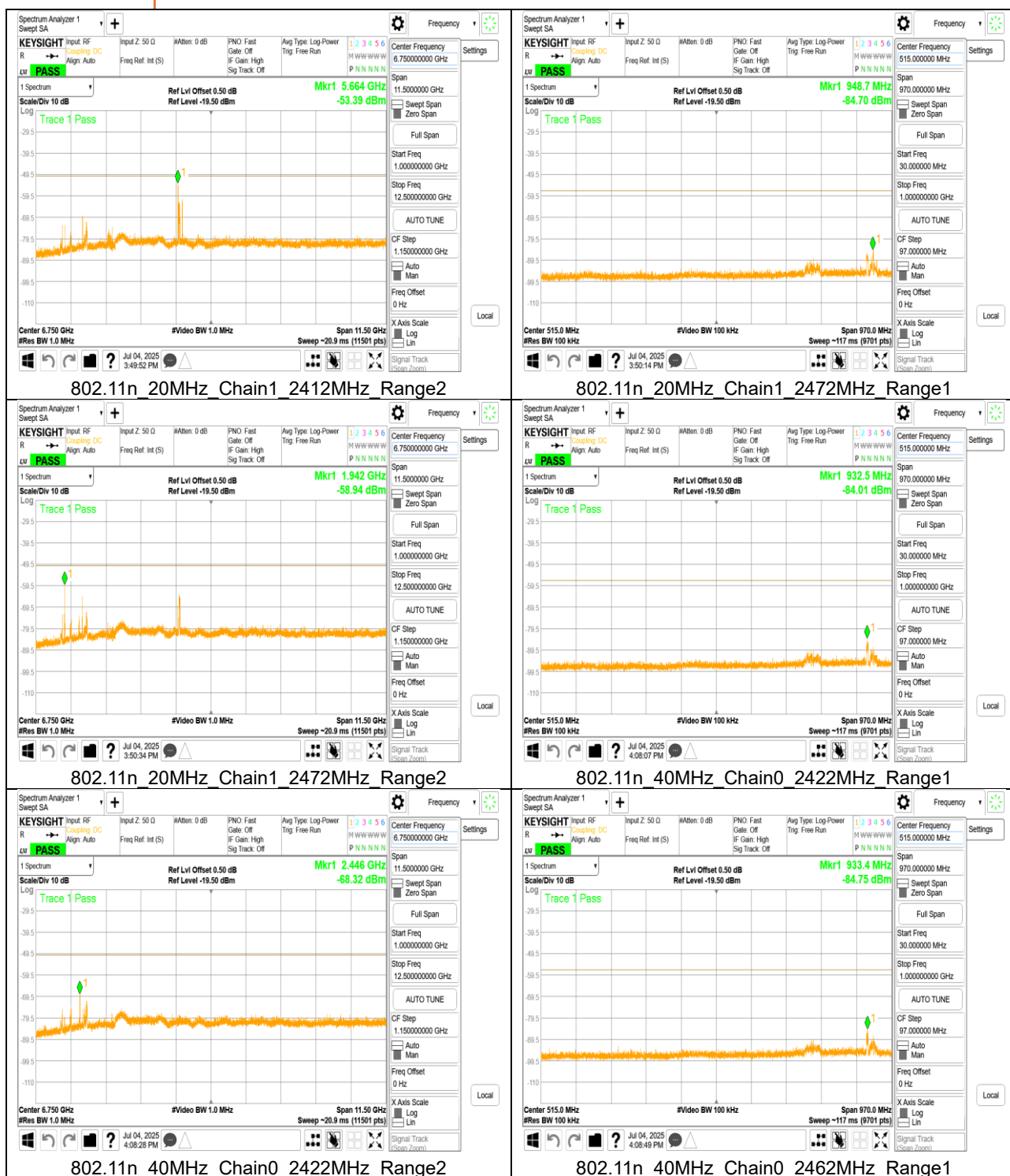
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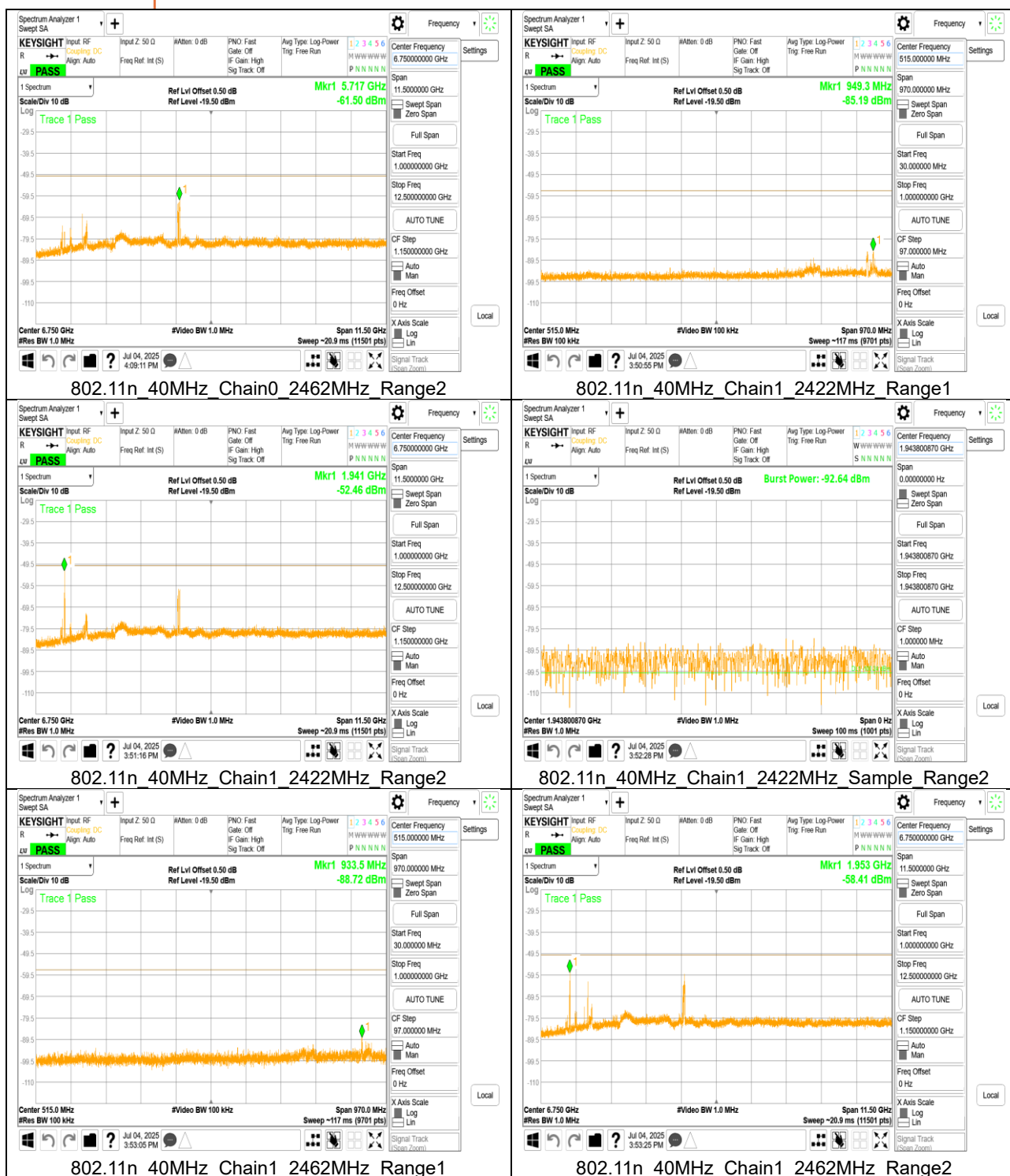
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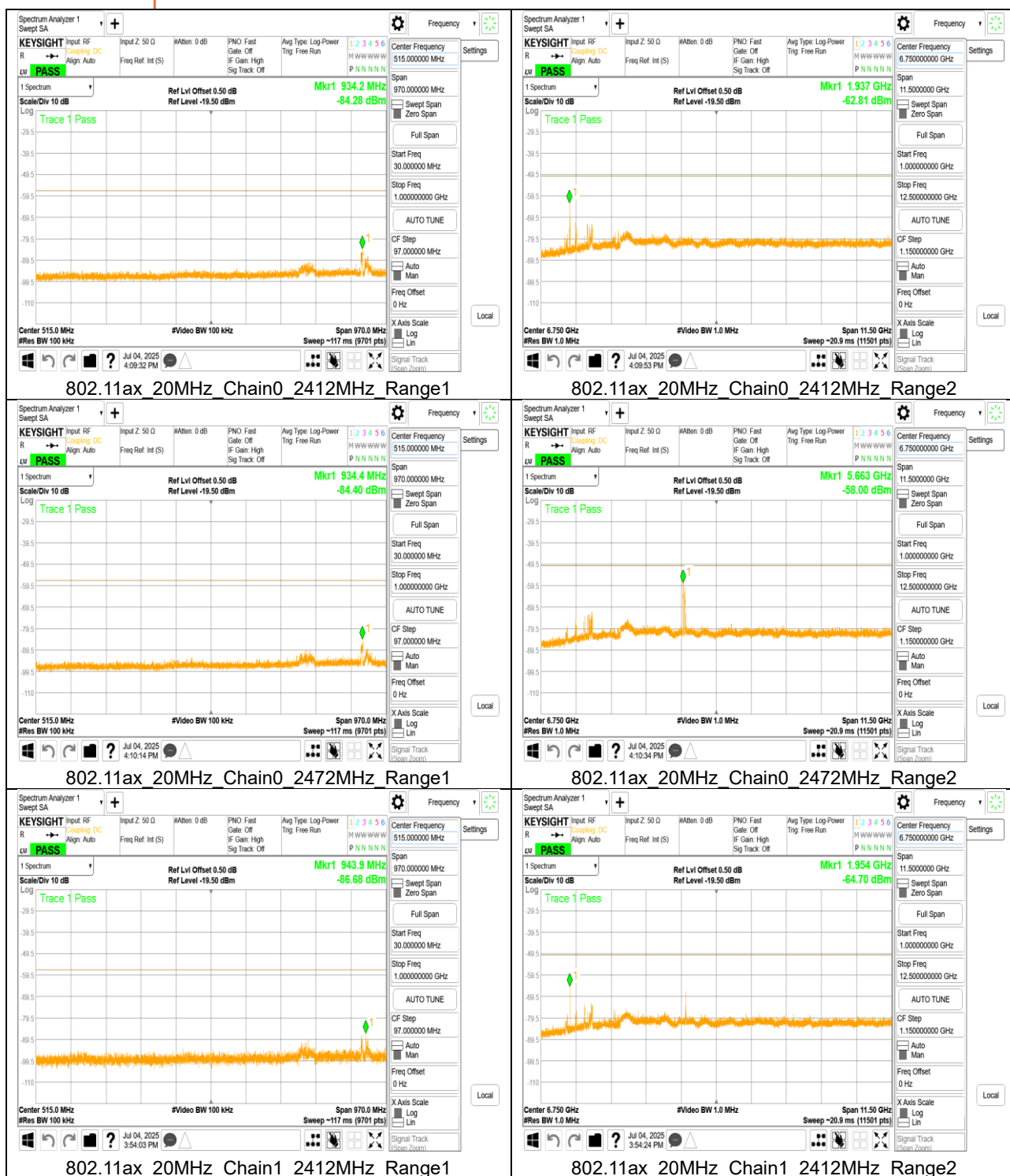
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