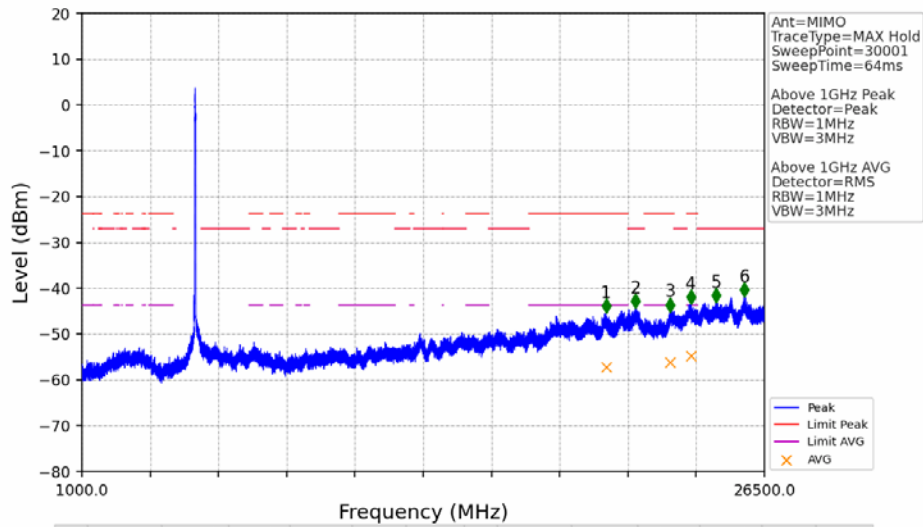
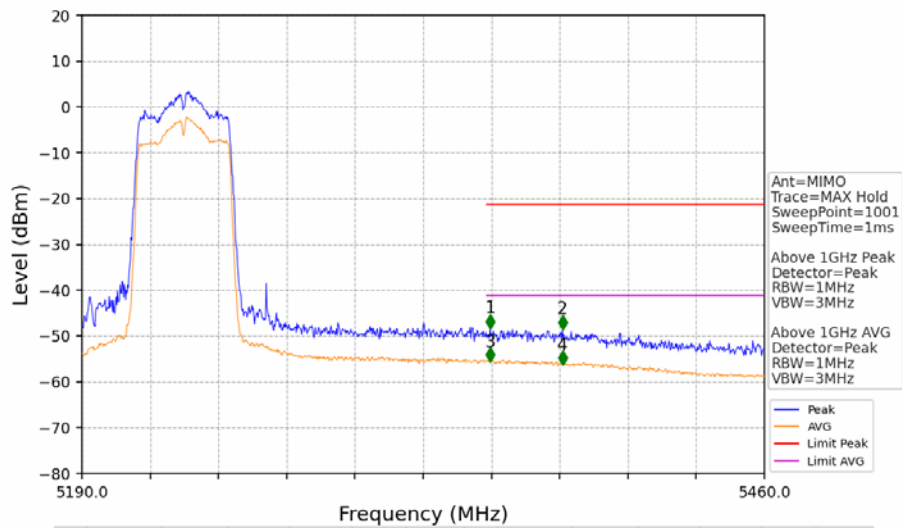


## 802.11ac(VHT40)\_HCH\_5230MHz\_MIMO\_NTNV



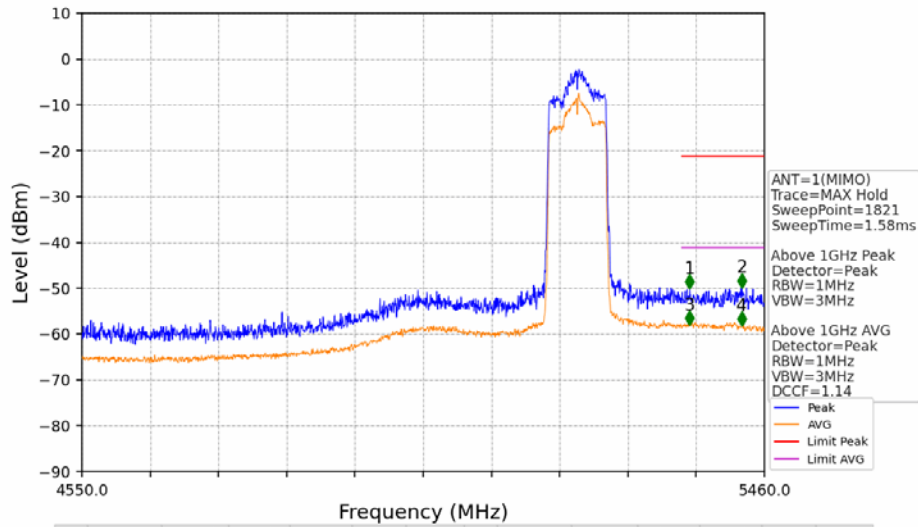
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20578.05        | -45.51      | -21.20      | 21.81       | Pass   | Peak   | 7  | 20578.05        | -57.18      | -41.20      | 13.48       | Pass   | AVG    |
| 2  | 21671.15        | -44.37      | -27.00      | 14.87       | Pass   | Peak   | 8  | 21671.15        | /           | -27.00      | /           | /      | AVG    |
| 3  | 22958.9         | -45.17      | -21.20      | 21.47       | Pass   | Peak   | 9  | 22958.9         | -56.25      | -41.20      | 12.55       | Pass   | AVG    |
| 4  | 23754.5         | -43.50      | -21.20      | 19.80       | Pass   | Peak   | 10 | 23754.5         | -54.78      | -41.20      | 11.08       | Pass   | AVG    |
| 5  | 24678.45        | -43.09      | -27.00      | 13.59       | Pass   | Peak   | 11 | 24678.45        | /           | -27.00      | /           | /      | AVG    |
| 6  | 25740.1         | -41.93      | -27.00      | 12.43       | Pass   | Peak   | 12 | 25740.1         | /           | -27.00      | /           | /      | AVG    |

## 802.11ac(VHT40)\_HCH\_5230MHz\_MIMO\_NTNV

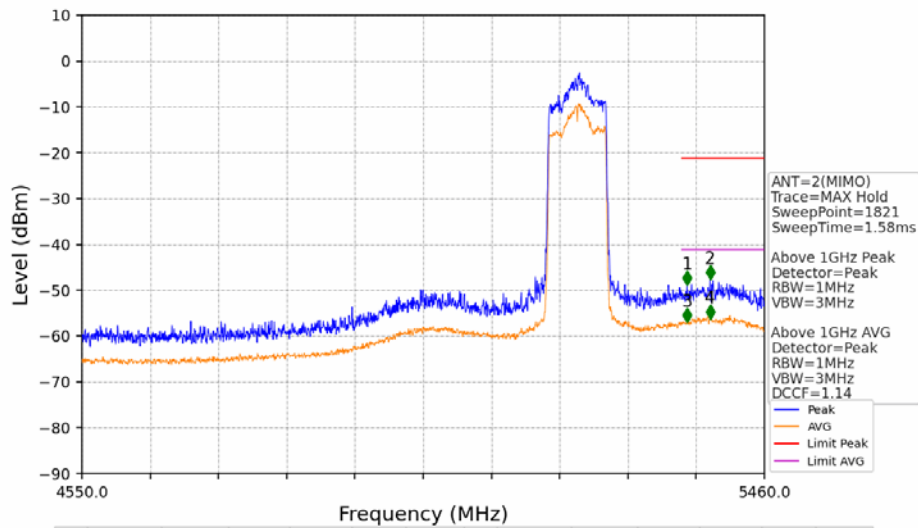


| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5351.460        | -48.35      | -21.20      | 24.65       | Pass   | Peak   | 3  | 5351.460        | /           | -21.20      | /           | /      | AVG    |
| 2  | 5380.080        | -48.52      | -21.20      | 24.82       | Pass   | Peak   | 4  | 5380.080        | /           | -21.20      | /           | /      | AVG    |

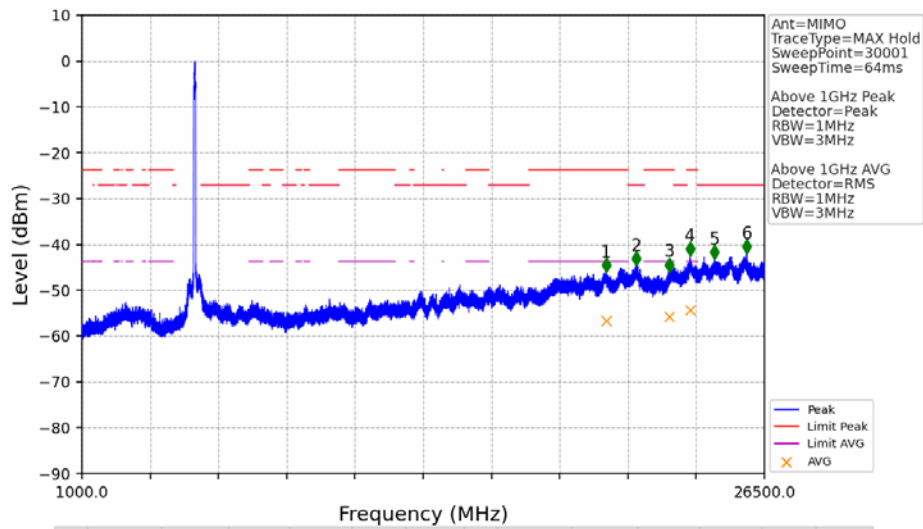
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV

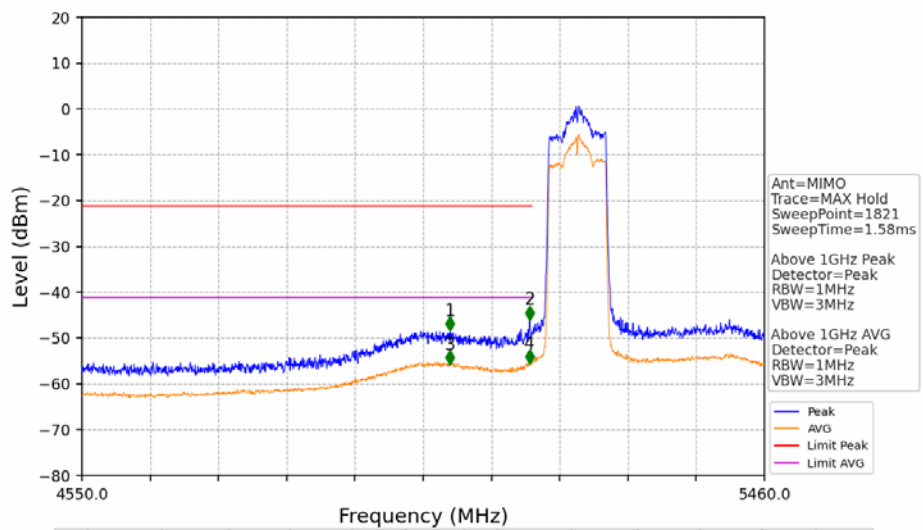


## 802.11ac(VHT80)\_MCH\_5210MHz\_MIMO\_NTNV



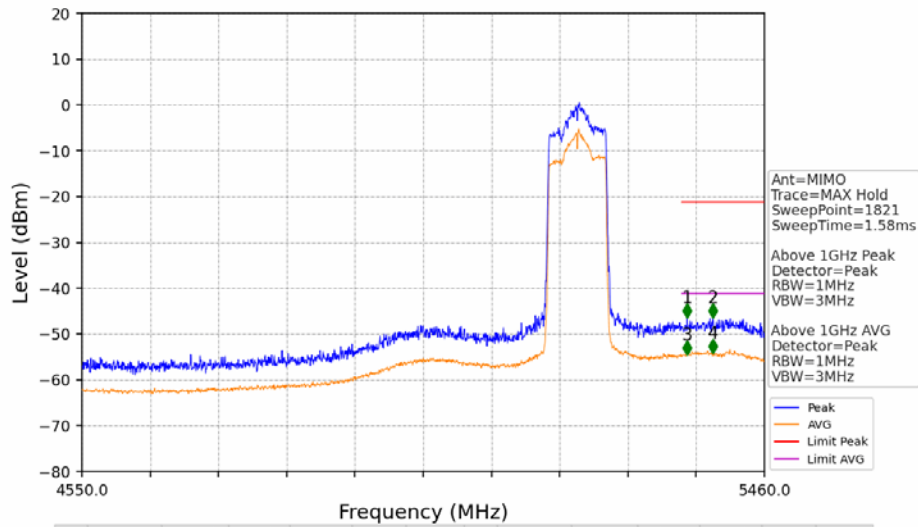
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20578.05        | -46.13      | -21.20      | 22.43       | Pass   | Peak   | 7  | 20578.05        | -56.65      | -41.20      | 12.95       | Pass   | AVG    |
| 2  | 21700.05        | -44.72      | -27.00      | 15.22       | Pass   | Peak   | 8  | 21700.05        | /           | -27.00      | /           | /      | AVG    |
| 3  | 22950.4         | -46.00      | -21.20      | 22.30       | Pass   | Peak   | 9  | 22950.4         | -55.83      | -41.20      | 12.13       | Pass   | AVG    |
| 4  | 23717.1         | -42.53      | -21.20      | 18.83       | Pass   | Peak   | 10 | 23717.1         | -54.34      | -41.20      | 10.64       | Pass   | AVG    |
| 5  | 24633.4         | -43.29      | -27.00      | 13.79       | Pass   | Peak   | 11 | 24633.4         | /           | -27.00      | /           | /      | AVG    |
| 6  | 25837           | -42.00      | -27.00      | 12.50       | Pass   | Peak   | 12 | 25837           | /           | -27.00      | /           | /      | AVG    |

## 802.11ac(VHT80)\_MCH\_5210MHz\_MIMO\_NTNV

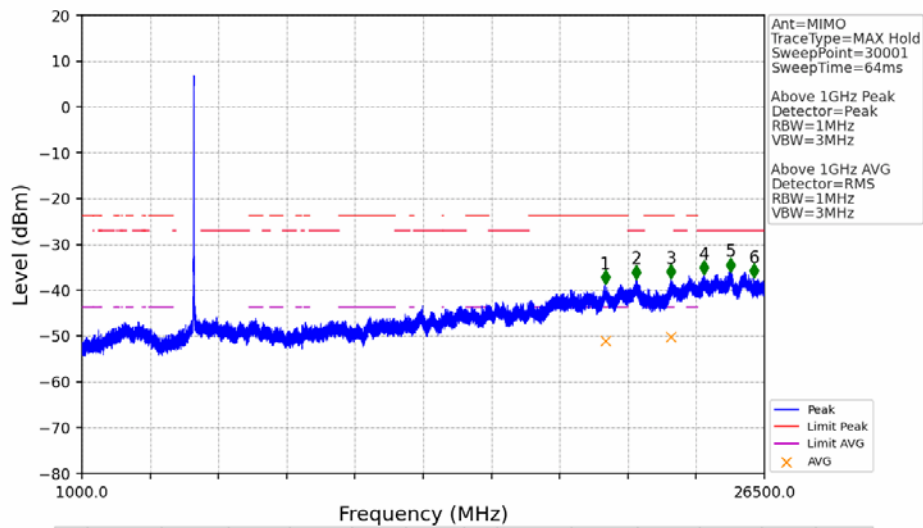


| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5041.000        | -48.49      | -21.20      | 24.79       | Pass   | Peak   | 3  | 5041.000        | /           | -21.20      | /           | /      | AVG    |
| 2  | 5147.000        | -46.07      | -21.20      | 22.37       | Pass   | Peak   | 4  | 5147.000        | /           | -21.20      | /           | /      | AVG    |

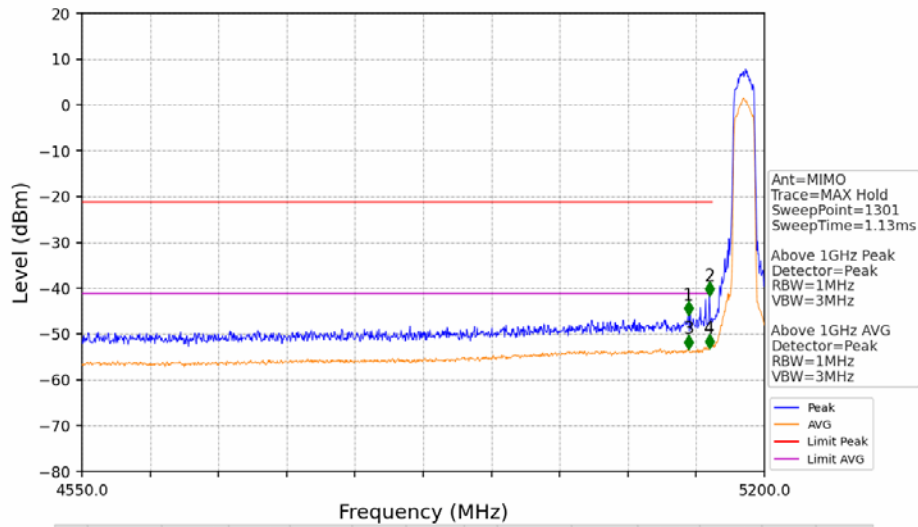
## 802.11ac(VHT80)\_MCH\_5210MHz\_MIMO\_NTNV



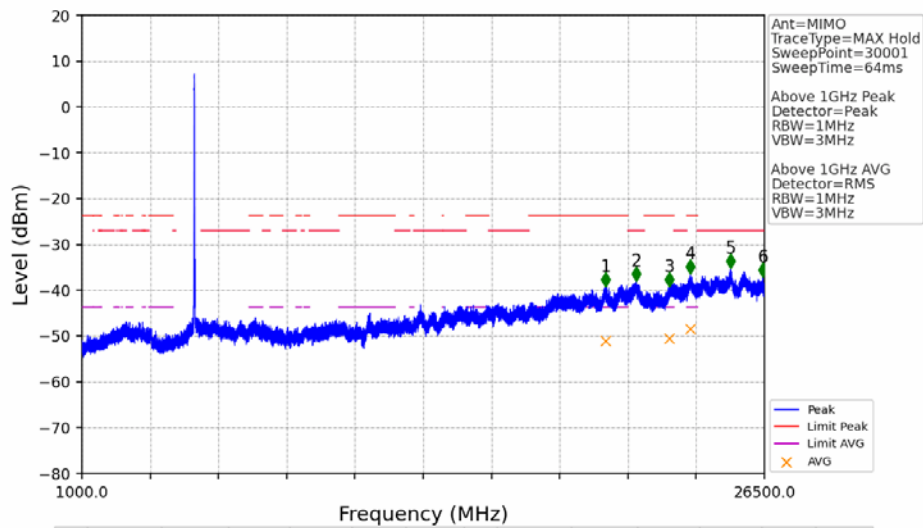
## 802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_MIMO\_NTNV



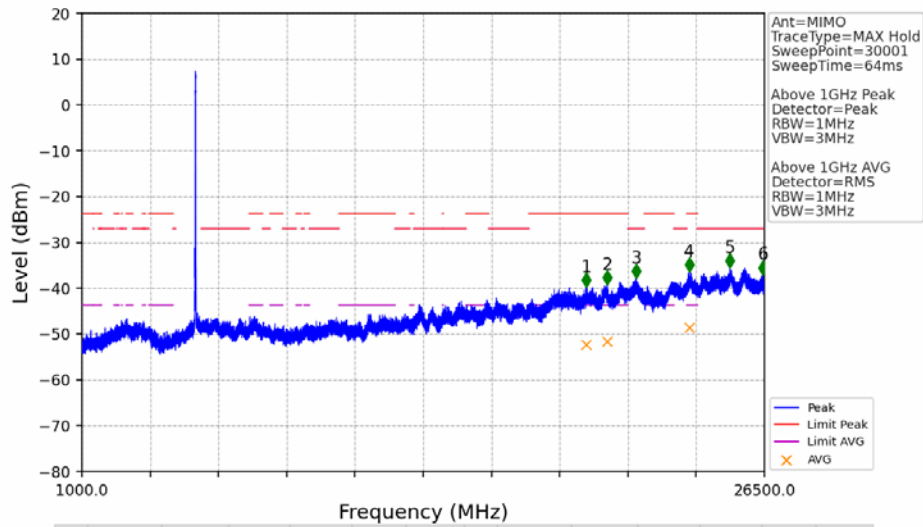
802.11ax(HEW20) LCH 5180MHz\_RU242\_Left\_MIMO\_NTNV



802.11ax(HEW20) MCH 5200MHz\_RU242\_Left\_MIMO\_NTNV

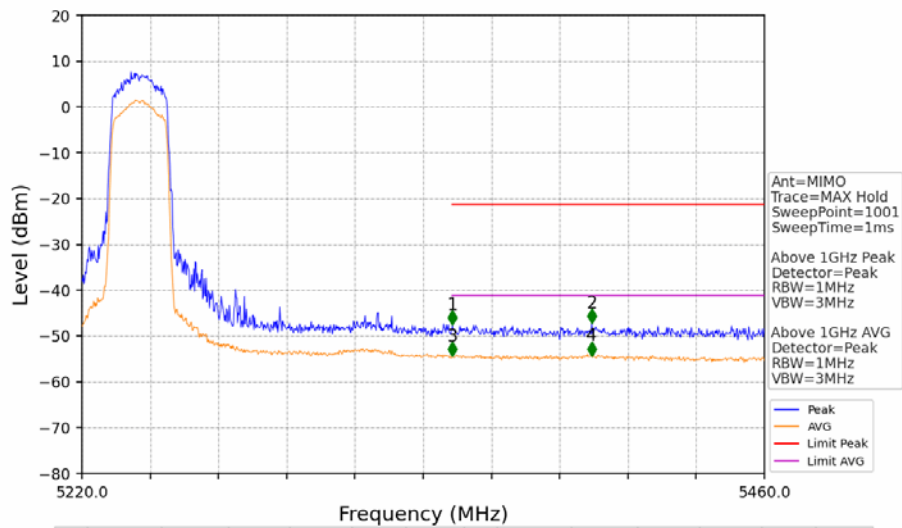


## 802.11ax(HEW20) HCH\_5240MHz\_RU242\_Left\_MIMO\_NTNV



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 19838.55        | -39.83      | -21.20      | 16.13       | Pass   | Peak   | 7  | 19838.55        | -52.29      | -41.20      | 8.59        | Pass   | AVG    |
| 2  | 20628.2         | -39.24      | -21.20      | 15.54       | Pass   | Peak   | 8  | 20628.2         | -51.62      | -41.20      | 7.92        | Pass   | AVG    |
| 3  | 21700.05        | -37.80      | -27.00      | 8.30        | Pass   | Peak   | 9  | 21700.05        | /           | -27.00      | /           | /      | AVG    |
| 4  | 23685.65        | -36.40      | -21.20      | 12.70       | Pass   | Peak   | 10 | 23685.65        | -48.64      | -41.20      | 4.94        | Pass   | AVG    |
| 5  | 25213.95        | -35.60      | -27.00      | 6.10        | Pass   | Peak   | 11 | 25213.95        | /           | -27.00      | /           | /      | AVG    |
| 6  | 26443.05        | -37.07      | -27.00      | 7.57        | Pass   | Peak   | 12 | 26443.05        | /           | -27.00      | /           | /      | AVG    |

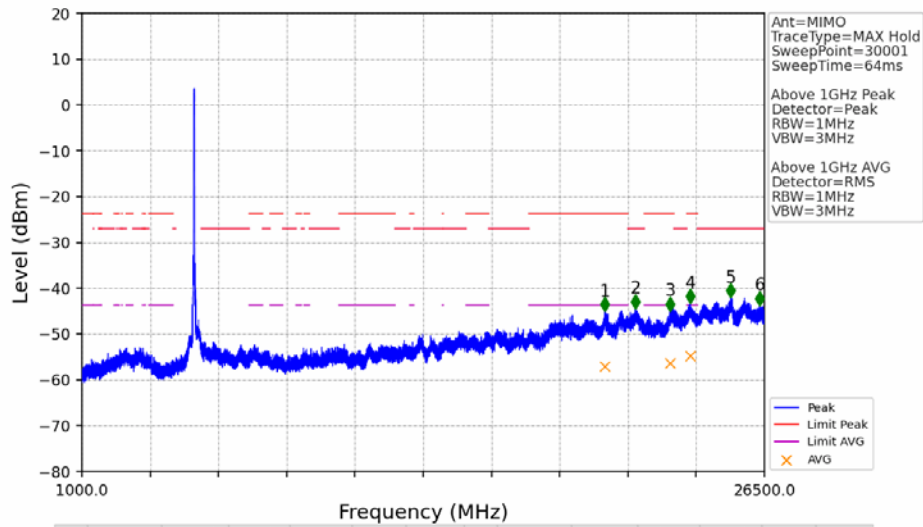
## 802.11ax(HEW20) HCH\_5240MHz\_RU242\_Left\_MIMO\_NTNV



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5350.320        | -47.53      | -21.20      | 23.83       | Pass   | Peak   | 3  | 5350.320        | /           | -21.20      | /           | /      | AVG    |
| 2  | 5399.280        | -47.28      | -21.20      | 23.58       | Pass   | Peak   | 4  | 5399.280        | /           | -21.20      | /           | /      | AVG    |

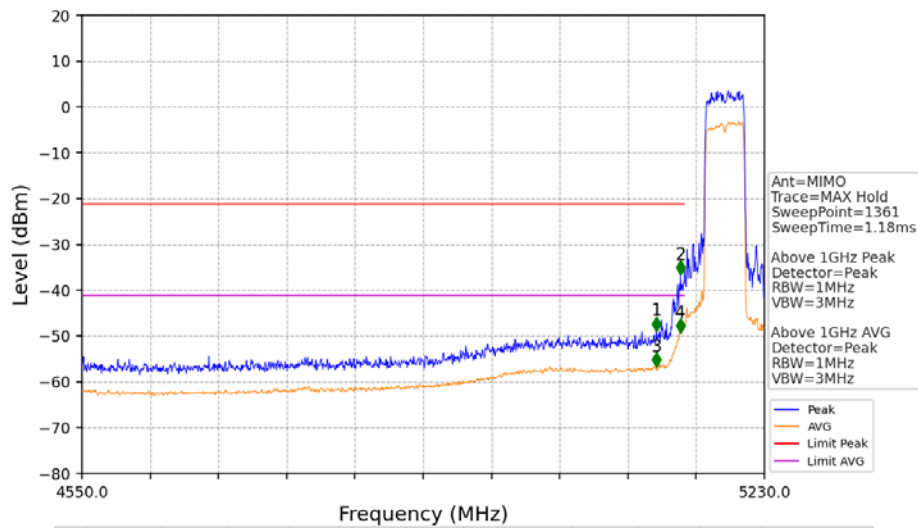


802.11ax(HEW40) LCH 5190MHz\_RU484\_Left\_MIMO\_NTNV



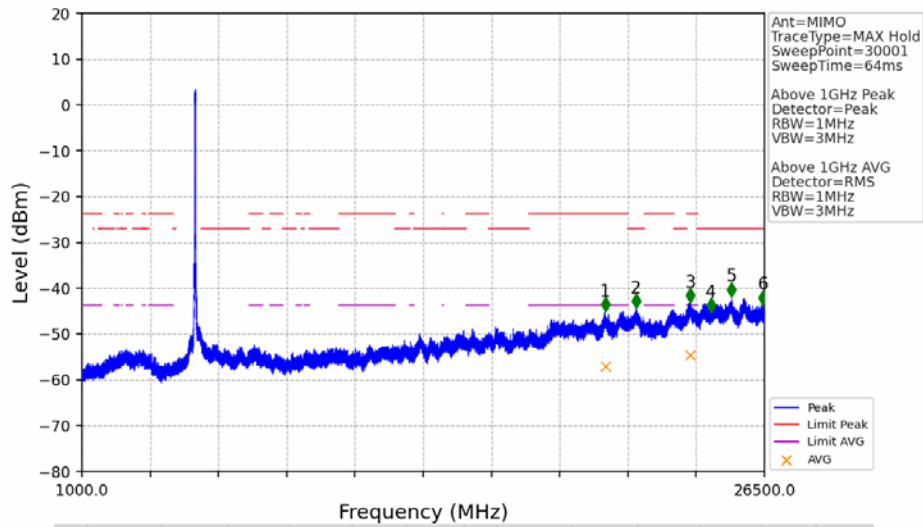
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 20537.25        | -45.13      | -21.20      | 21.43       | Pass Peak     | 7  | 20537.25        | -57.06      | -41.20      | 13.37       | Pass AVG      |
| 2  | 21677.95        | -44.46      | -27.00      | 14.96       | Pass Peak     | 8  | 21677.95        | /           | -27.00      | /           | / AVG         |
| 3  | 22964           | -44.99      | -21.20      | 21.29       | Pass Peak     | 9  | 22964           | -56.42      | -41.20      | 12.72       | Pass AVG      |
| 4  | 23738.35        | -43.39      | -21.20      | 19.69       | Pass Peak     | 10 | 23738.35        | -54.74      | -41.20      | 11.04       | Pass AVG      |
| 5  | 25240.3         | -42.08      | -27.00      | 12.58       | Pass Peak     | 11 | 25240.3         | /           | -27.00      | /           | / AVG         |
| 6  | 26318.95        | -43.78      | -27.00      | 14.28       | Pass Peak     | 12 | 26318.95        | /           | -27.00      | /           | / AVG         |

802.11ax(HEW40) LCH 5190MHz\_RU484\_Left\_MIMO\_NTNV



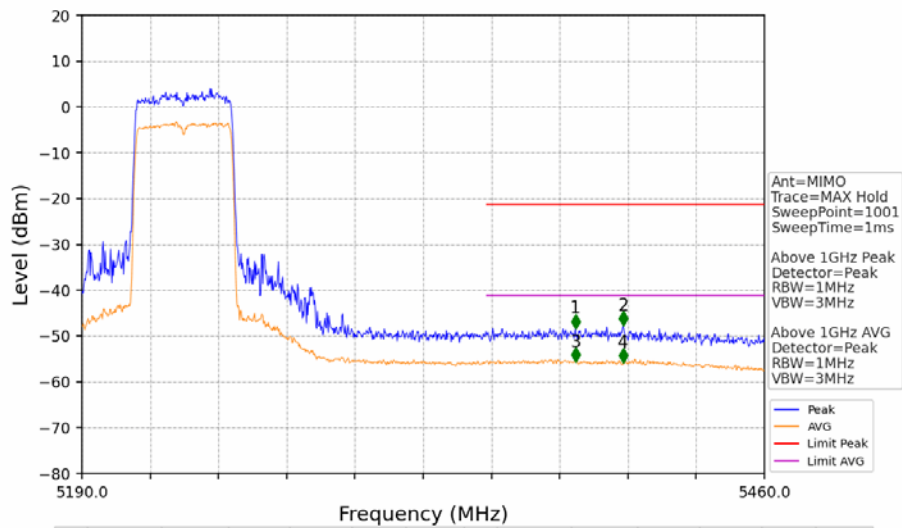
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 5122.500        | -48.89      | -21.20      | 25.19       | Pass Peak     | 3  | 5122.500        | /           | -21.20      | /           | / AVG         |
| 2  | 5146.500        | -36.66      | -21.20      | 12.96       | Pass Peak     | 4  | 5146.500        | /           | -21.20      | /           | / AVG         |

## 802.11ax(HEW40) HCH 5230MHz RU484 Left MIMO NTN



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20549.15        | -45.08      | -21.20      | 21.38       | Pass   | Peak   | 7  | 20549.15        | -57.11      | -41.20      | 13.41       | Pass   | AVG    |
| 2  | 21695.8         | -44.43      | -27.00      | 14.93       | Pass   | Peak   | 8  | 21695.8         | /           | -27.00      | /           | /      | AVG    |
| 3  | 23735.8         | -43.09      | -21.20      | 19.39       | Pass   | Peak   | 9  | 23735.8         | -54.60      | -41.20      | 10.90       | Pass   | AVG    |
| 4  | 24511           | -45.30      | -27.00      | 15.80       | Pass   | Peak   | 10 | 24511           | /           | -27.00      | /           | /      | AVG    |
| 5  | 25278.55        | -41.84      | -27.00      | 12.34       | Pass   | Peak   | 11 | 25278.55        | /           | -27.00      | /           | /      | AVG    |
| 6  | 26451.55        | -43.61      | -27.00      | 14.11       | Pass   | Peak   | 12 | 26451.55        | /           | -27.00      | /           | /      | AVG    |

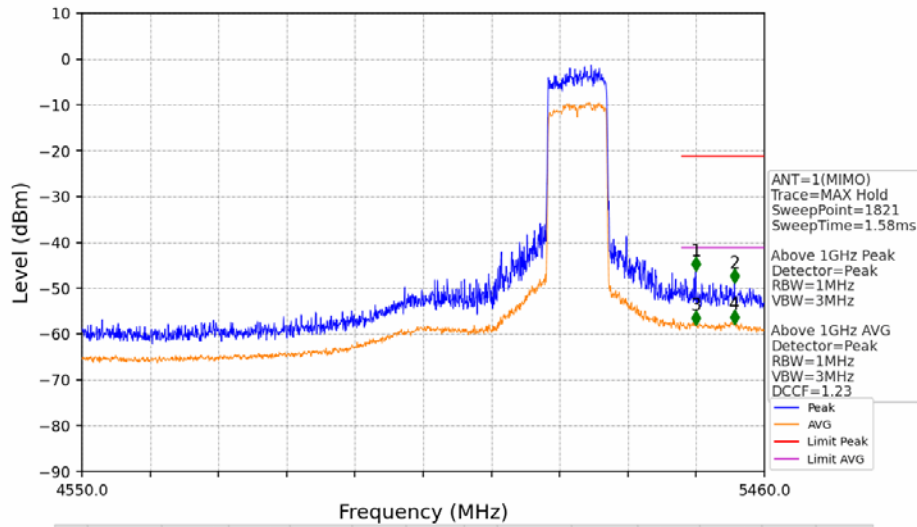
## 802.11ax(HEW40) HCH 5230MHz RU484 Left MIMO NTN



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5385.210        | -48.35      | -21.20      | 24.65       | Pass   | Peak   | 3  | 5385.210        | /           | -21.20      | /           | /      | AVG    |
| 2  | 5404.110        | -47.80      | -21.20      | 24.09       | Pass   | Peak   | 4  | 5404.110        | /           | -21.20      | /           | /      | AVG    |

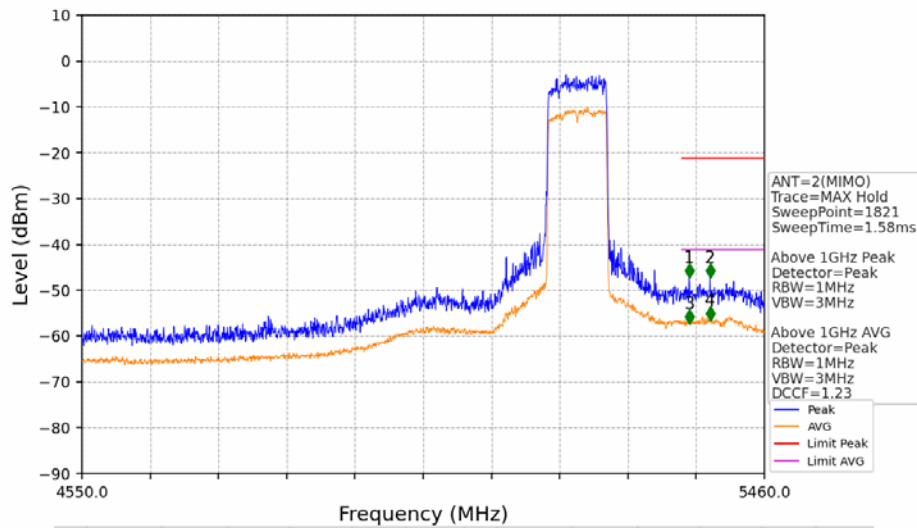


802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



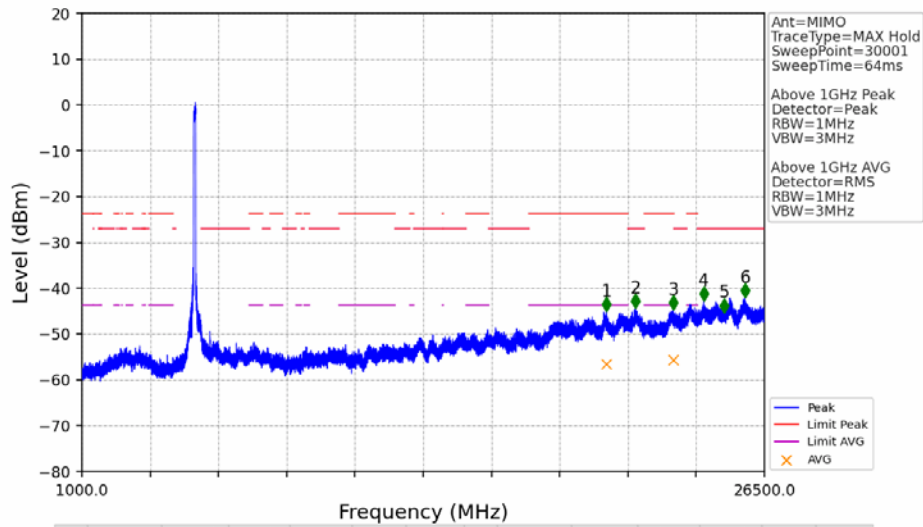
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 5368.500        | -46.22      | -21.20      | 22.52       | Pass AVG      | 3  | 5368.500        | /           | -21.20      | /           | / AVG         |
| 2  | 5420.000        | -48.97      | -21.20      | 25.27       | Pass AVG      | 4  | 5420.000        | /           | -21.20      | /           | / AVG         |

802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant2\_NTNV



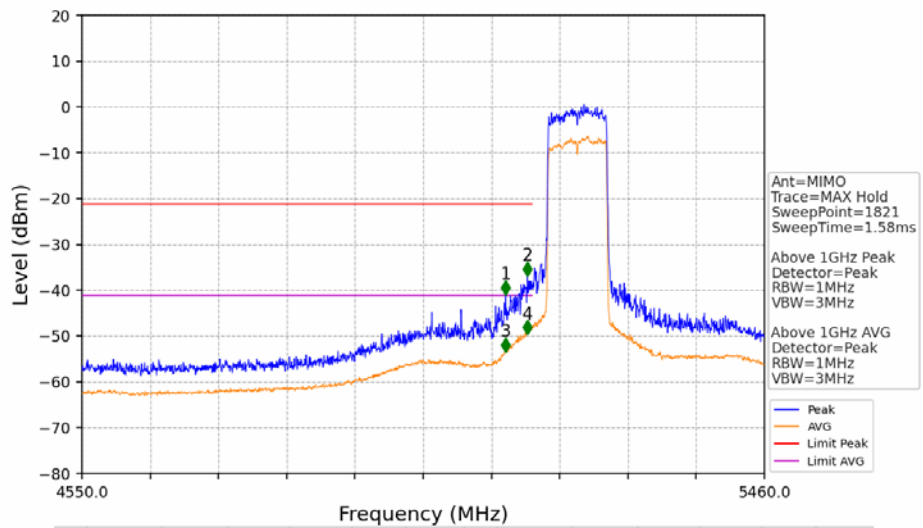
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 5359.500        | -47.33      | -21.20      | 23.63       | Pass AVG      | 3  | 5359.500        | /           | -21.20      | /           | / AVG         |
| 2  | 5387.500        | -47.31      | -21.20      | 23.61       | Pass AVG      | 4  | 5387.500        | /           | -21.20      | /           | / AVG         |

## 802.11ax(HEW80) MCH\_5210MHz\_RU996\_Left\_MIMO\_NTNV



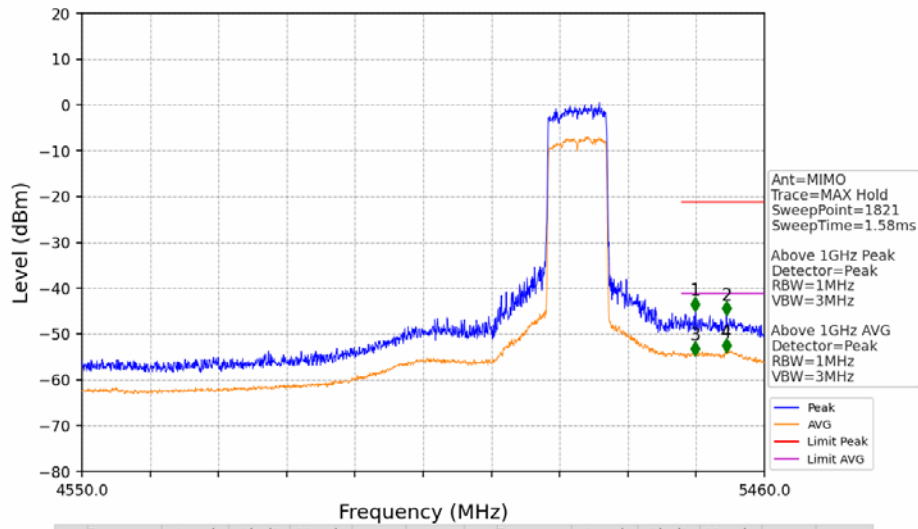
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20601           | -45.10      | -21.20      | 21.41       | Pass   | Peak   | 7  | 20601           | -56.61      | -41.20      | 12.91       | Pass   | AVG    |
| 2  | 21672.85        | -44.41      | -27.00      | 14.91       | Pass   | Peak   | 8  | 21672.85        | /           | -27.00      | /           | /      | AVG    |
| 3  | 23088.1         | -44.80      | -21.20      | 21.10       | Pass   | Peak   | 9  | 23088.1         | -55.69      | -41.20      | 11.99       | Pass   | AVG    |
| 4  | 24228.8         | -42.83      | -27.00      | 13.33       | Pass   | Peak   | 10 | 24228.8         | /           | -27.00      | /           | /      | AVG    |
| 5  | 24995.5         | -45.37      | -27.00      | 15.87       | Pass   | Peak   | 11 | 24995.5         | /           | -27.00      | /           | /      | AVG    |
| 6  | 25767.3         | -42.07      | -27.00      | 12.57       | Pass   | Peak   | 12 | 25767.3         | /           | -27.00      | /           | /      | AVG    |

## 802.11ax(HEW80) MCH\_5210MHz\_RU996\_Left\_MIMO\_NTNV



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5115.000        | -40.94      | -21.20      | 17.24       | Pass   | Peak   | 3  | 5115.000        | /           | -21.20      | /           | /      | AVG    |
| 2  | 5144.000        | -36.90      | -21.20      | 13.20       | Pass   | Peak   | 4  | 5144.000        | /           | -21.20      | /           | /      | AVG    |

## 802.11ax(HEW80) MCH\_5210MHz\_RU996\_Left\_MIMO\_NTNV



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 5368.000        | -44.99      | -21.20      | 21.29       | Pass AVG      | 3  | 5368.000        | /           | -21.20      | /           | AVG           |
| 2  | 5409.500        | -45.97      | -21.20      | 22.27       | Pass AVG      | 4  | 5409.500        | /           | -21.20      | /           | AVG           |

## 6. Frequency Stability

### 6.1 Test Result

#### 6.1.1 Ant1

| Ant1         |         |                 |                  |               |                          |              |         |
|--------------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode         | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VAC) | Measured Frequency (MHz) | Limit (MHz)  | Verdict |
| Carrier Wave | SISO    | 5180            | 20               | 102           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 138           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | 120           | 5179.993                 | 5150 to 5250 | Pass    |
|              |         | 5200            | 20               | 102           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 138           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | 120           | 5199.994                 | 5150 to 5250 | Pass    |
|              |         | 5240            | 20               | 102           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 138           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | 120           | 5239.994                 | 5150 to 5250 | Pass    |
|              |         | 5190            | 20               | 102           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 138           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | 120           | 5189.994                 | 5150 to 5250 | Pass    |
|              |         | 5230            | 20               | 102           | 5229.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 120           | 5229.994                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | 138           | 5229.994                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | 120           | 5229.994                 | 5150 to 5250 | Pass    |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | -20 | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  |      | -10 | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  |      | 0   | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  |      | 10  | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  |      | 30  | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  |      | 40  | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  |      | 50  | 120 | 5229.994 | 5150 to 5250 | Pass |
|  |  | 5210 | 20  | 102 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      |     | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      |     | 138 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | -30 | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | -20 | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | -10 | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | 0   | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | 10  | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | 30  | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | 40  | 120 | 5209.994 | 5150 to 5250 | Pass |
|  |  |      | 50  | 120 | 5209.994 | 5150 to 5250 | Pass |

▶▶▶ END OF REPORT ◀◀◀

