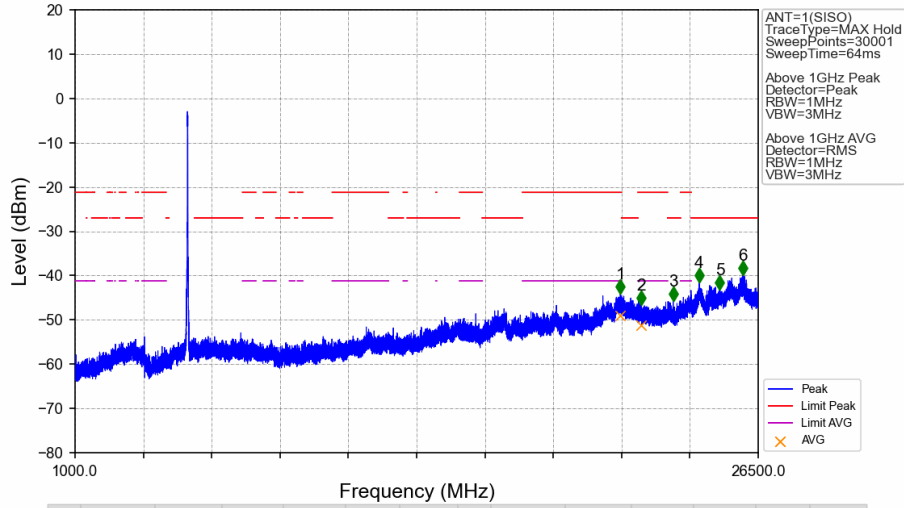
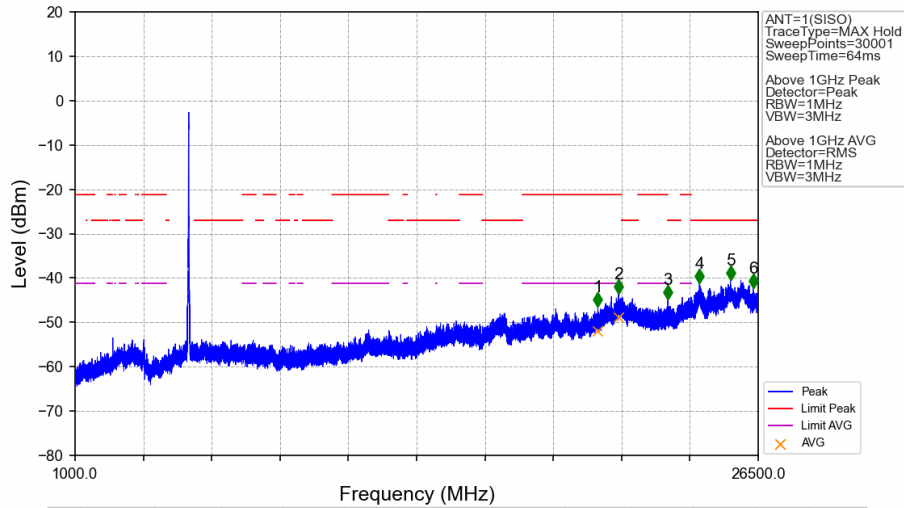


# 802.11ac(VHT20) MCH 5200MHz Ant1 NTN



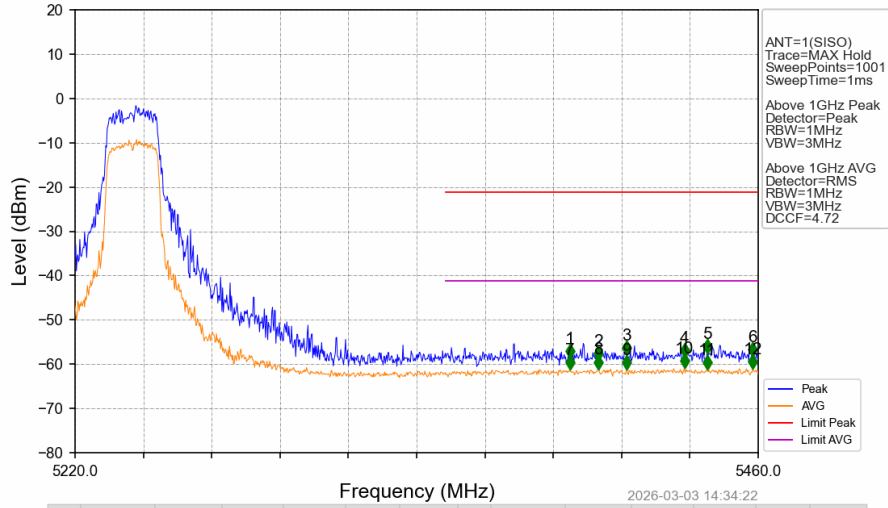
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 21351.55        | -44.00      | -21.20      | 22.80       | Pass   | Peak   | 7  | 21351.55        | -49.04      | -41.20      | 7.84        | Pass   | AVG    |
| 2  | 22122.5         | -46.67      | -21.20      | 25.47       | Pass   | Peak   | 8  | 22122.5         | -51.18      | -41.20      | 9.98        | Pass   | AVG    |
| 3  | 23326.95        | -45.74      | -27.00      | 18.74       | Pass   | Peak   | 9  | 23326.95        | /           | -27.00      | /           | /      | AVG    |
| 4  | 24299.35        | -41.49      | -27.00      | 14.49       | Pass   | Peak   | 10 | 24299.35        | /           | -27.00      | /           | /      | AVG    |
| 5  | 25066.05        | -43.07      | -27.00      | 16.07       | Pass   | Peak   | 11 | 25066.05        | /           | -27.00      | /           | /      | AVG    |
| 6  | 25916.05        | -39.85      | -27.00      | 12.85       | Pass   | Peak   | 12 | 25916.05        | /           | -27.00      | /           | /      | AVG    |

# 802.11ac(VHT20) HCH 5240MHz Ant1 NTN

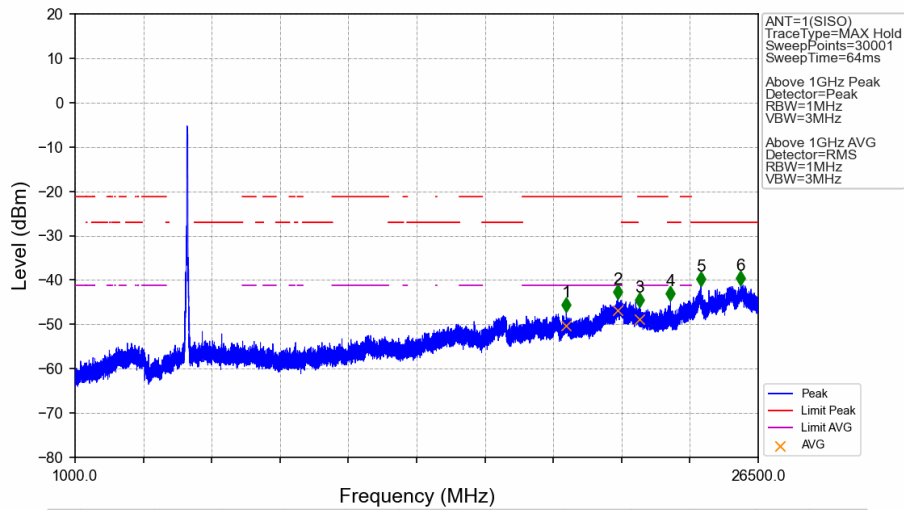


| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20514.3         | -46.37      | -21.20      | 25.17       | Pass   | Peak   | 7  | 20514.3         | -51.98      | -41.20      | 10.78       | Pass   | AVG    |
| 2  | 21286.95        | -43.58      | -21.20      | 22.38       | Pass   | Peak   | 8  | 21286.95        | -48.87      | -41.20      | 7.67        | Pass   | AVG    |
| 3  | 23126.35        | -44.86      | -27.00      | 17.86       | Pass   | Peak   | 9  | 23126.35        | /           | -27.00      | /           | /      | AVG    |
| 4  | 24306.15        | -41.17      | -27.00      | 14.17       | Pass   | Peak   | 10 | 24306.15        | /           | -27.00      | /           | /      | AVG    |
| 5  | 25463.85        | -40.34      | -27.00      | 13.34       | Pass   | Peak   | 11 | 25463.85        | /           | -27.00      | /           | /      | AVG    |
| 6  | 26311.3         | -42.24      | -27.00      | 15.24       | Pass   | Peak   | 12 | 26311.3         | /           | -27.00      | /           | /      | AVG    |

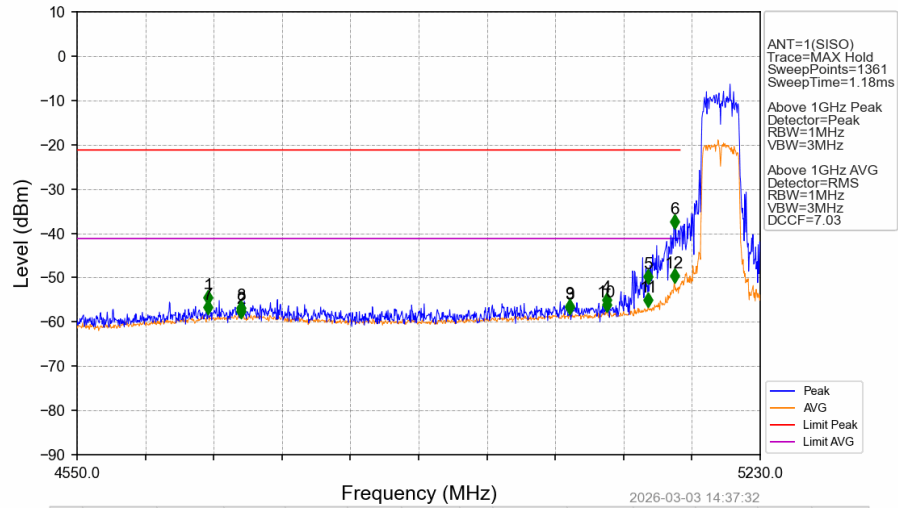
# 802.11ac(VHT20) HCH 5240MHz Ant1 NTN



# 802.11ac(VHT40) LCH 5190MHz Ant1 NTN

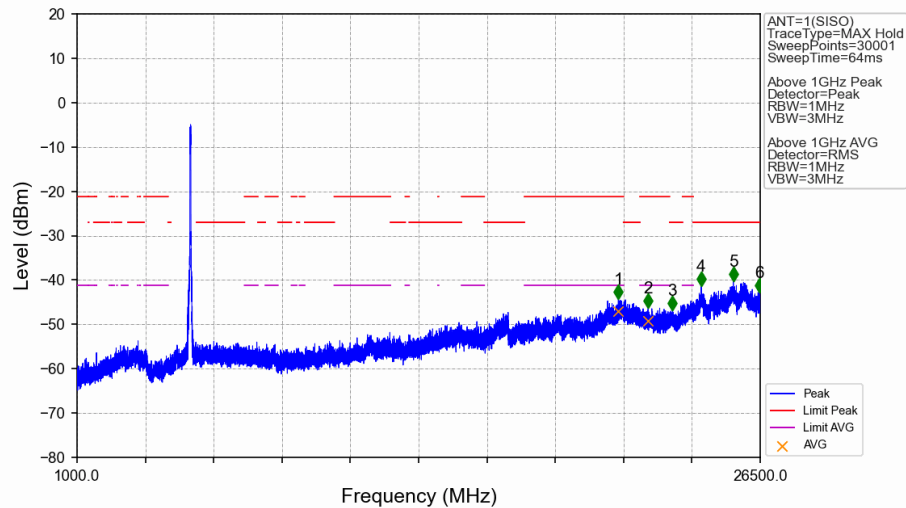


# 802.11ac(VHT40) LCH 5190MHz Ant1 NTN



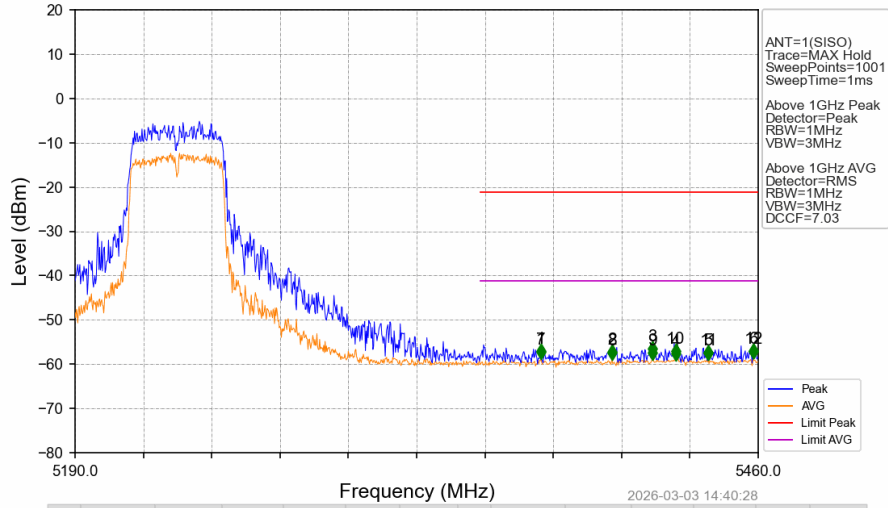
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 4680.500        | -56.15      | -21.20      | 34.95       | Pass   | Peak   | 7  | 4680.500        | -58.31      | -41.20      | 17.11       | Pass   | AVG    |
| 2  | 4713.000        | -59.09      | -21.20      | 37.89       | Pass   | Peak   | 8  | 4713.000        | -58.36      | -41.20      | 17.16       | Pass   | AVG    |
| 3  | 5040.000        | -58.20      | -21.20      | 37.00       | Pass   | Peak   | 9  | 5040.000        | -58.15      | -41.20      | 16.95       | Pass   | AVG    |
| 4  | 5077.000        | -56.55      | -21.20      | 35.35       | Pass   | Peak   | 10 | 5077.000        | -57.62      | -41.20      | 16.42       | Pass   | AVG    |
| 5  | 5118.500        | -51.37      | -21.20      | 30.17       | Pass   | Peak   | 11 | 5118.500        | -56.62      | -41.20      | 15.42       | Pass   | AVG    |
| 6  | 5144.500        | -39.00      | -21.20      | 17.80       | Pass   | Peak   | 12 | 5144.500        | -51.06      | -41.20      | 9.86        | Pass   | AVG    |

# 802.11ac(VHT40) HCH 5230MHz Ant1 NTN

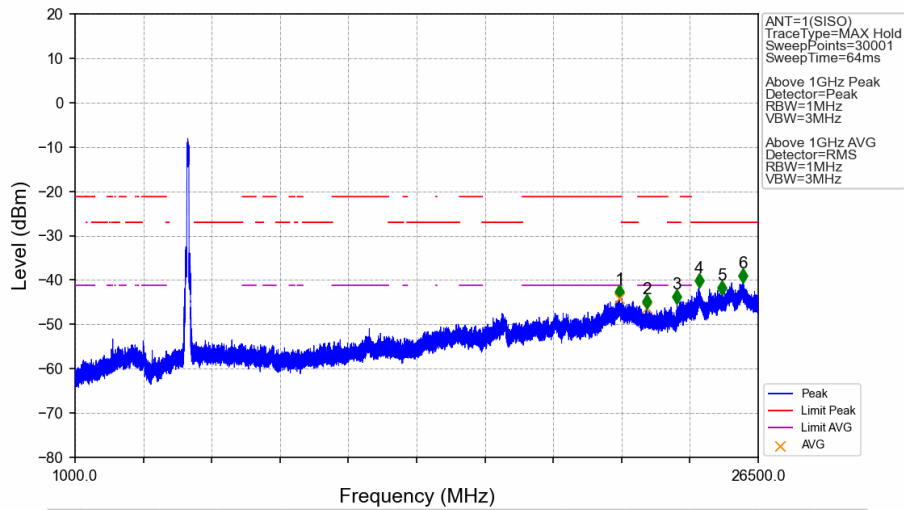


| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 21204.5         | -44.24      | -21.20      | 23.04       | Pass   | Peak   | 7  | 21204.5         | -46.96      | -41.20      | 5.76        | Pass   | AVG    |
| 2  | 22317.15        | -46.16      | -21.20      | 24.96       | Pass   | Peak   | 8  | 22317.15        | -49.15      | -41.20      | 7.95        | Pass   | AVG    |
| 3  | 23227.5         | -46.84      | -27.00      | 19.84       | Pass   | Peak   | 9  | 23227.5         | /           | -27.00      | /           | /      | AVG    |
| 4  | 24300.2         | -41.38      | -27.00      | 14.38       | Pass   | Peak   | 10 | 24300.2         | /           | -27.00      | /           | /      | AVG    |
| 5  | 25497           | -40.15      | -27.00      | 13.15       | Pass   | Peak   | 11 | 25497           | /           | -27.00      | /           | /      | AVG    |
| 6  | 26466.85        | -42.80      | -27.00      | 15.80       | Pass   | Peak   | 12 | 26466.85        | /           | -27.00      | /           | /      | AVG    |

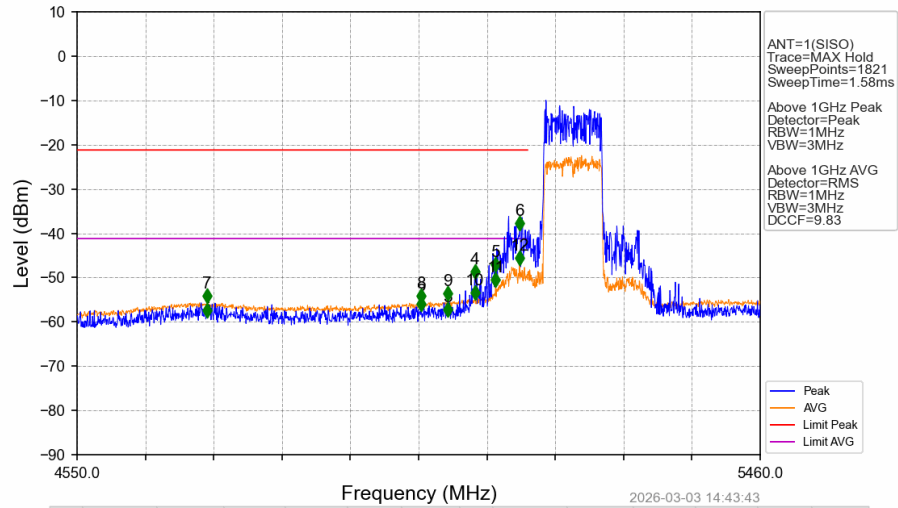
# 802.11ac(VHT40) HCH 5230MHz Ant1 NTN



# 802.11ac(VHT80) MCH 5210MHz Ant1 NTN

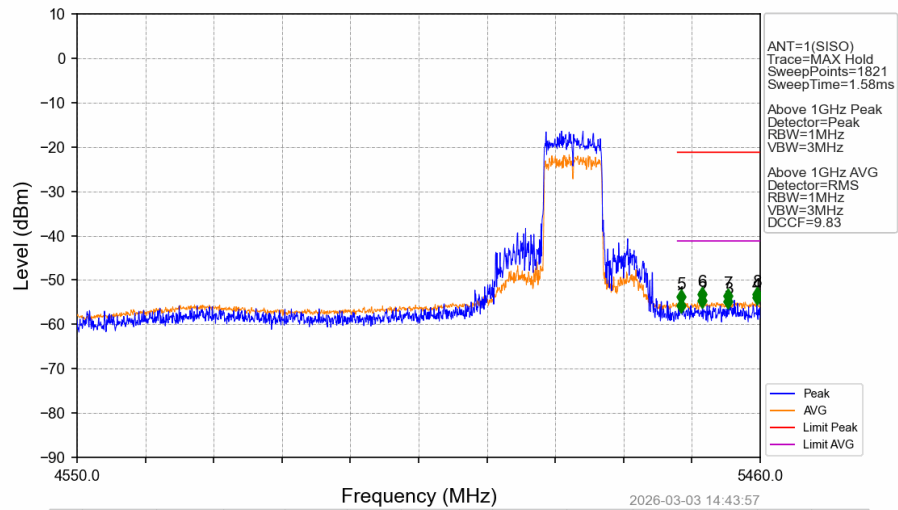


# 802.11ac(VHT80) MCH\_5210MHz\_Ant1\_NTNV



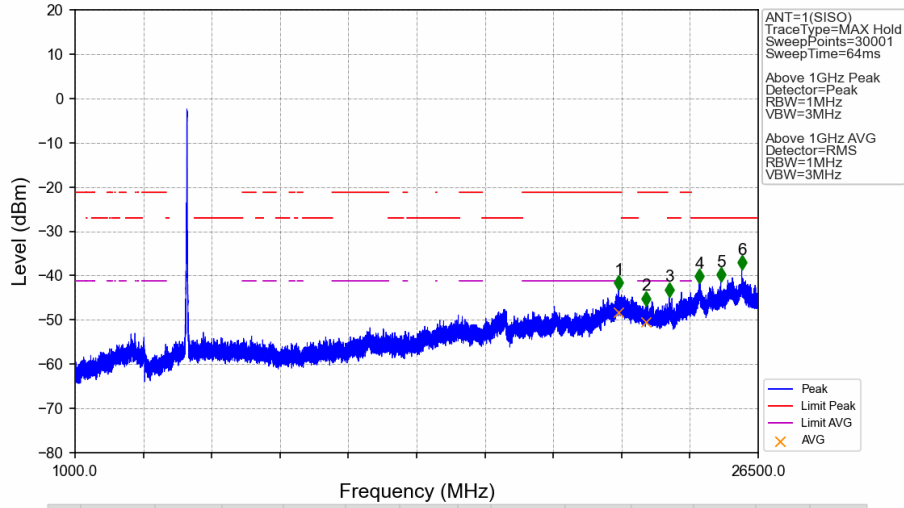
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 4723.500        | -59.03      | -21.20      | 37.83       | Pass   | Peak   | 7  | 4723.500        | -55.73      | -41.20      | 14.53       | Pass   | AVG    |
| 2  | 5008.000        | -57.43      | -21.20      | 36.23       | Pass   | Peak   | 8  | 5008.000        | -55.75      | -41.20      | 14.55       | Pass   | AVG    |
| 3  | 5044.000        | -58.74      | -21.20      | 37.54       | Pass   | Peak   | 9  | 5044.000        | -55.20      | -41.20      | 14.00       | Pass   | AVG    |
| 4  | 5080.000        | -50.21      | -21.20      | 29.01       | Pass   | Peak   | 10 | 5080.000        | -54.91      | -41.20      | 13.71       | Pass   | AVG    |
| 5  | 5107.500        | -48.57      | -21.20      | 27.37       | Pass   | Peak   | 11 | 5107.500        | -52.01      | -41.20      | 10.81       | Pass   | AVG    |
| 6  | 5139.500        | -39.23      | -21.20      | 18.03       | Pass   | Peak   | 12 | 5139.500        | -47.11      | -41.20      | 5.91        | Pass   | AVG    |

# 802.11ac(VHT80) MCH\_5210MHz\_Ant1\_NTNV



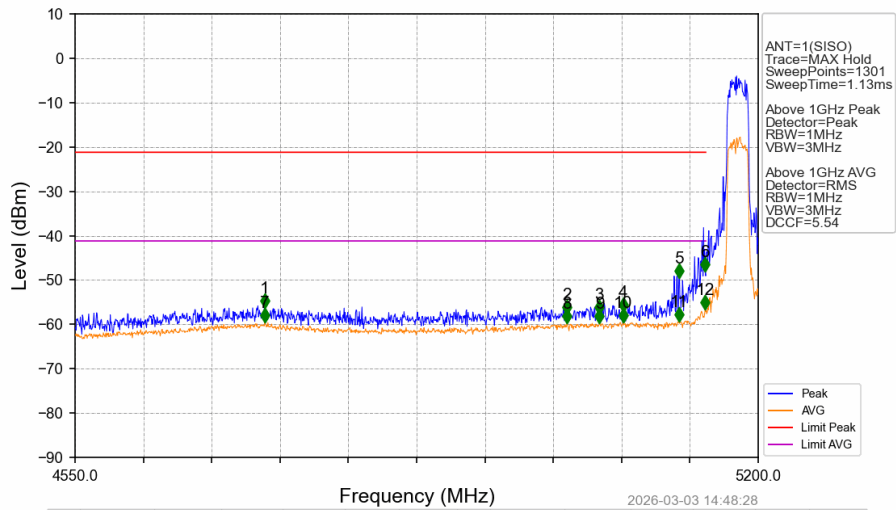
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5354.500        | -57.38      | -21.20      | 36.18       | Pass   | Peak   | 5  | 5354.500        | -55.34      | -41.20      | 14.14       | Pass   | AVG    |
| 2  | 5383.000        | -56.26      | -21.20      | 35.06       | Pass   | Peak   | 6  | 5383.000        | -54.84      | -41.20      | 13.64       | Pass   | AVG    |
| 3  | 5417.500        | -56.42      | -21.20      | 35.22       | Pass   | Peak   | 7  | 5417.500        | -55.19      | -41.20      | 13.99       | Pass   | AVG    |
| 4  | 5455.500        | -55.44      | -21.20      | 34.24       | Pass   | Peak   | 8  | 5455.500        | -54.84      | -41.20      | 13.64       | Pass   | AVG    |

# 802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



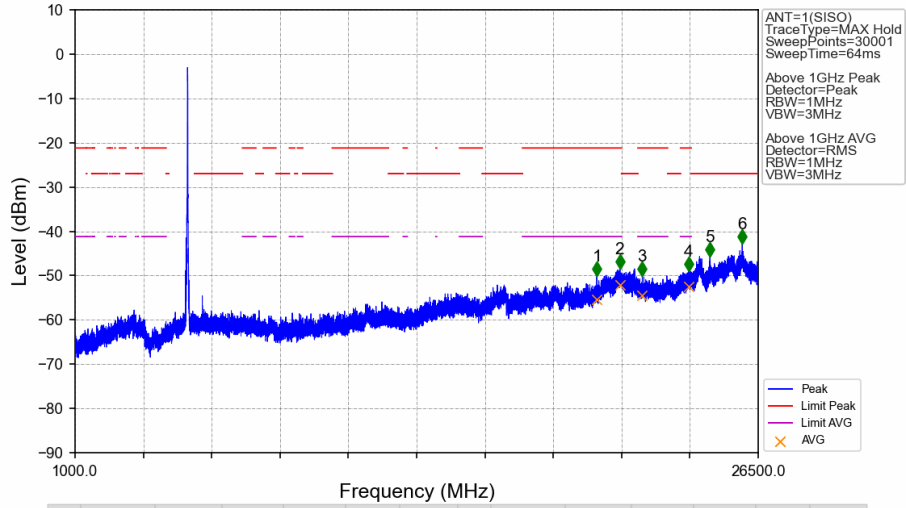
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 21287.8         | -43.08      | -21.20      | 21.88       | Pass   | Peak   | 7  | 21287.8         | -48.25      | -41.20      | 7.05        | Pass   | AVG    |
| 2  | 22323.1         | -46.70      | -21.20      | 25.50       | Pass   | Peak   | 8  | 22323.1         | -50.56      | -41.20      | 9.36        | Pass   | AVG    |
| 3  | 23180.75        | -44.70      | -27.00      | 17.70       | Pass   | Peak   | 9  | 23180.75        | /           | -27.00      | /           | /      | AVG    |
| 4  | 24301.9         | -41.62      | -27.00      | 14.62       | Pass   | Peak   | 10 | 24301.9         | /           | -27.00      | /           | /      | AVG    |
| 5  | 25102.6         | -41.40      | -27.00      | 14.40       | Pass   | Peak   | 11 | 25102.6         | /           | -27.00      | /           | /      | AVG    |
| 6  | 25885.45        | -38.65      | -27.00      | 11.65       | Pass   | Peak   | 12 | 25885.45        | /           | -27.00      | /           | /      | AVG    |

# 802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



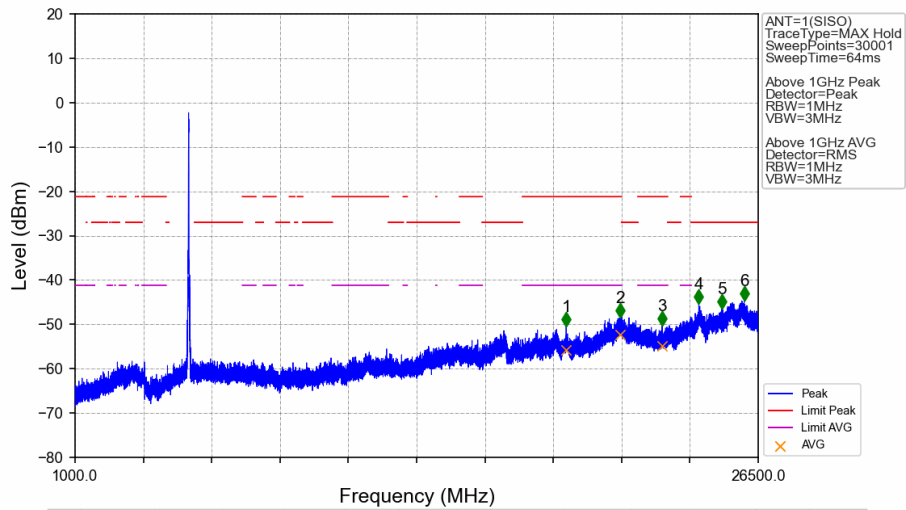
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 4730.500        | -56.18      | -21.20      | 34.98       | Pass   | Peak   | 7  | 4730.500        | -59.58      | -41.20      | 18.38       | Pass   | AVG    |
| 2  | 5018.000        | -57.65      | -21.20      | 36.45       | Pass   | Peak   | 8  | 5018.000        | -59.65      | -41.20      | 18.45       | Pass   | AVG    |
| 3  | 5049.000        | -57.67      | -21.20      | 36.47       | Pass   | Peak   | 9  | 5049.000        | -59.63      | -41.20      | 18.43       | Pass   | AVG    |
| 4  | 5071.500        | -57.08      | -21.20      | 35.88       | Pass   | Peak   | 10 | 5071.500        | -59.60      | -41.20      | 18.40       | Pass   | AVG    |
| 5  | 5124.500        | -49.54      | -21.20      | 28.34       | Pass   | Peak   | 11 | 5124.500        | -59.37      | -41.20      | 18.17       | Pass   | AVG    |
| 6  | 5149.500        | -48.10      | -21.20      | 26.90       | Pass   | Peak   | 12 | 5149.500        | -56.59      | -41.20      | 15.39       | Pass   | AVG    |

# 802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



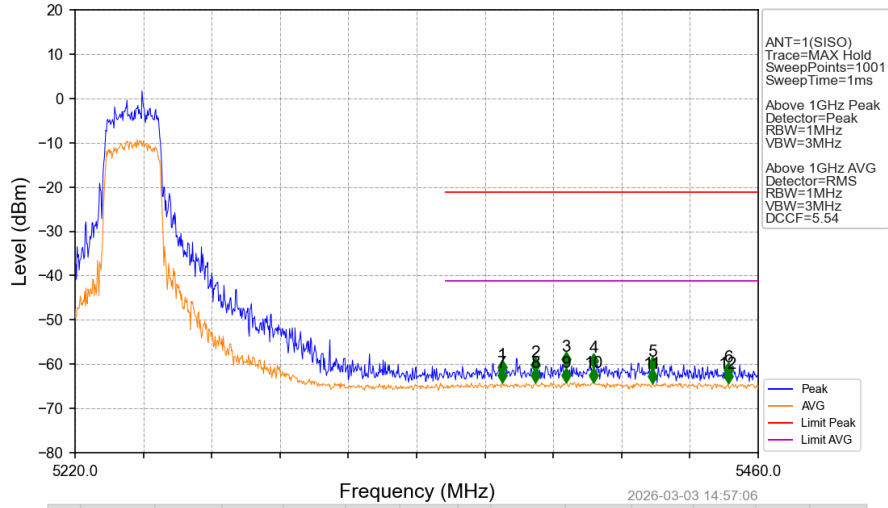
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20474.35        | -50.02      | -21.20      | 28.82       | Pass   | Peak   | 7  | 20474.35        | -55.44      | -41.20      | 14.24       | Pass   | AVG    |
| 2  | 21332           | -48.43      | -21.20      | 27.23       | Pass   | Peak   | 8  | 21332           | -52.06      | -41.20      | 10.86       | Pass   | AVG    |
| 3  | 22172.65        | -50.02      | -21.20      | 28.82       | Pass   | Peak   | 9  | 22172.65        | -54.50      | -41.20      | 13.30       | Pass   | AVG    |
| 4  | 23895.6         | -48.92      | -21.20      | 27.72       | Pass   | Peak   | 10 | 23895.6         | -52.43      | -41.20      | 11.23       | Pass   | AVG    |
| 5  | 24698           | -45.62      | -27.00      | 18.62       | Pass   | Peak   | 11 | 24698           | /           | -27.00      | /           | /      | AVG    |
| 6  | 25903.3         | -42.81      | -27.00      | 15.81       | Pass   | Peak   | 12 | 25903.3         | /           | -27.00      | /           | /      | AVG    |

# 802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



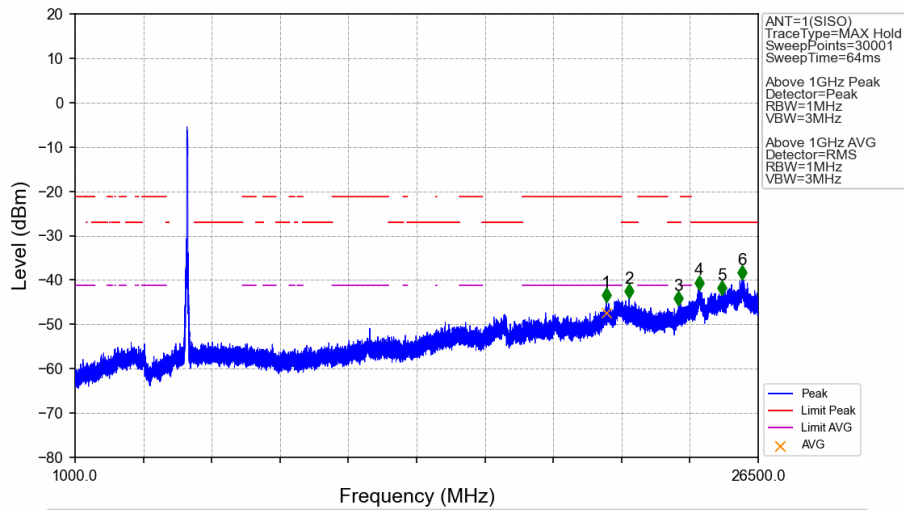
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 19331.1         | -50.36      | -21.20      | 29.16       | Pass   | Peak   | 7  | 19331.1         | -55.73      | -41.20      | 14.53       | Pass   | AVG    |
| 2  | 21348.15        | -48.36      | -21.20      | 27.16       | Pass   | Peak   | 8  | 21348.15        | -52.24      | -41.20      | 11.04       | Pass   | AVG    |
| 3  | 22913.85        | -50.28      | -21.20      | 29.08       | Pass   | Peak   | 9  | 22913.85        | -54.90      | -41.20      | 13.70       | Pass   | AVG    |
| 4  | 24283.2         | -45.38      | -27.00      | 18.38       | Pass   | Peak   | 10 | 24283.2         | /           | -27.00      | /           | /      | AVG    |
| 5  | 25139.15        | -46.42      | -27.00      | 19.42       | Pass   | Peak   | 11 | 25139.15        | /           | -27.00      | /           | /      | AVG    |
| 6  | 25974.7         | -44.66      | -27.00      | 17.66       | Pass   | Peak   | 12 | 25974.7         | /           | -27.00      | /           | /      | AVG    |

# 802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



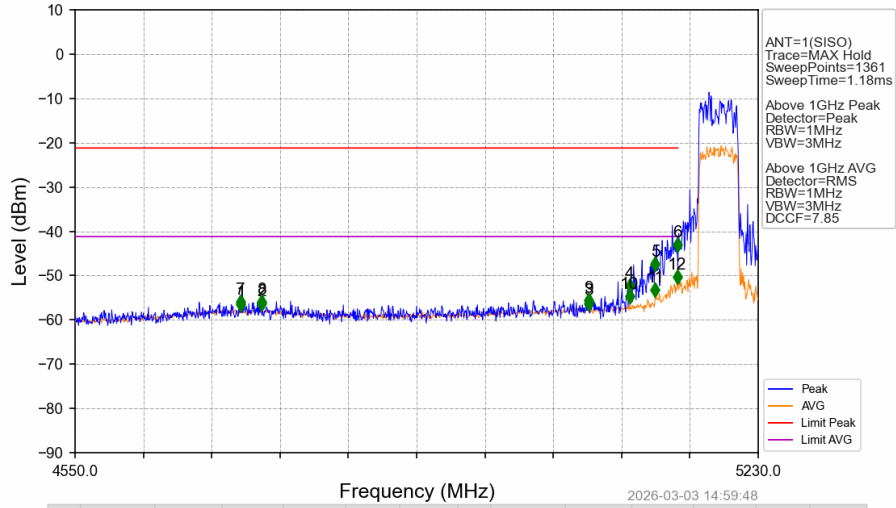
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5370.000        | -62.34      | -21.20      | 41.14       | Pass   | Peak   | 7  | 5370.000        | -64.03      | -41.20      | 22.83       | Pass   | AVG    |
| 2  | 5381.760        | -61.75      | -21.20      | 40.55       | Pass   | Peak   | 8  | 5381.760        | -64.13      | -41.20      | 22.93       | Pass   | AVG    |
| 3  | 5392.560        | -60.44      | -21.20      | 39.24       | Pass   | Peak   | 9  | 5392.560        | -64.04      | -41.20      | 22.84       | Pass   | AVG    |
| 4  | 5402.160        | -60.73      | -21.20      | 39.53       | Pass   | Peak   | 10 | 5402.160        | -64.10      | -41.20      | 22.90       | Pass   | AVG    |
| 5  | 5422.800        | -61.61      | -21.20      | 40.41       | Pass   | Peak   | 11 | 5422.800        | -64.27      | -41.20      | 23.07       | Pass   | AVG    |
| 6  | 5449.440        | -62.89      | -21.20      | 41.69       | Pass   | Peak   | 12 | 5449.440        | -64.21      | -41.20      | 23.01       | Pass   | AVG    |

# 802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



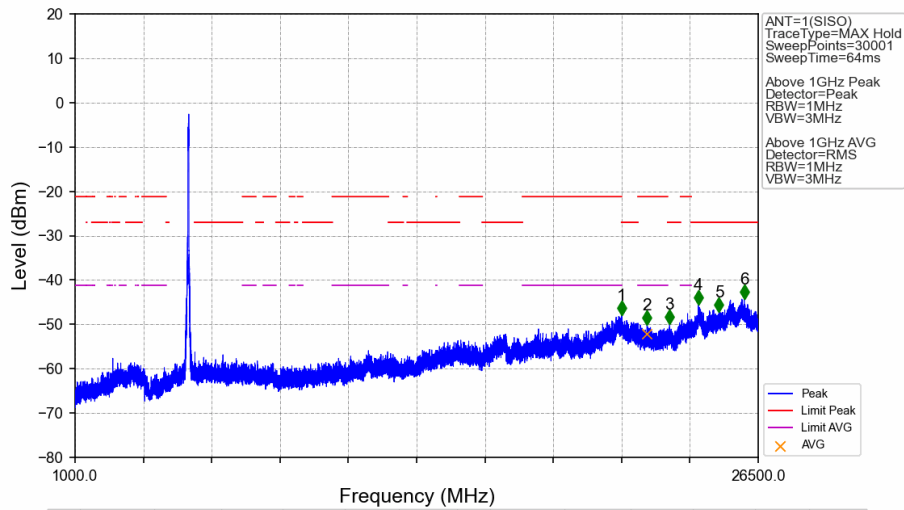
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 20830.5         | -44.96      | -21.20      | 23.76       | Pass   | Peak   | 7  | 20830.5         | -47.37      | -41.20      | 6.17        | Pass   | AVG    |
| 2  | 21679.65        | -44.08      | -27.00      | 17.08       | Pass   | Peak   | 8  | 21679.65        | /           | -27.00      | /           | /      | AVG    |
| 3  | 23525.85        | -45.63      | -27.00      | 18.63       | Pass   | Peak   | 9  | 23525.85        | /           | -27.00      | /           | /      | AVG    |
| 4  | 24300.2         | -42.15      | -27.00      | 15.15       | Pass   | Peak   | 10 | 24300.2         | /           | -27.00      | /           | /      | AVG    |
| 5  | 25133.2         | -43.32      | -27.00      | 16.32       | Pass   | Peak   | 11 | 25133.2         | /           | -27.00      | /           | /      | AVG    |
| 6  | 25910.1         | -39.83      | -27.00      | 12.83       | Pass   | Peak   | 12 | 25910.1         | /           | -27.00      | /           | /      | AVG    |

# 802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



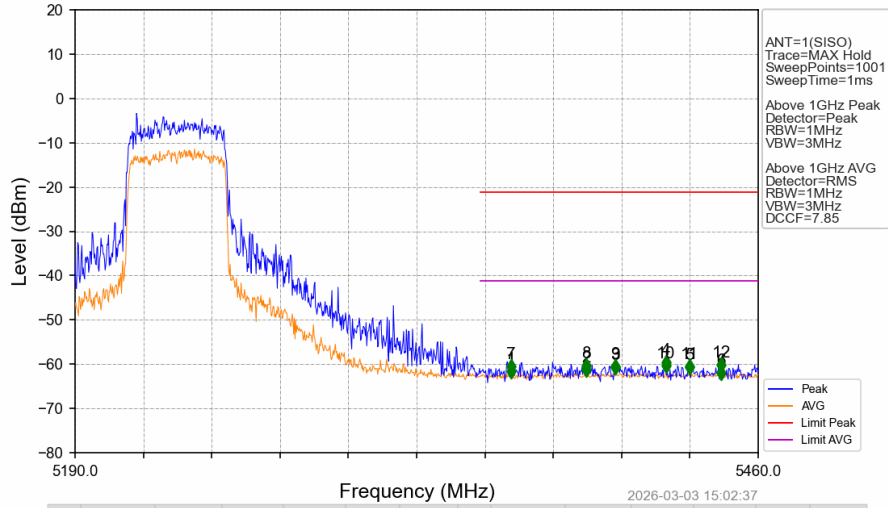
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 4715.000        | -58.03      | -21.20      | 36.83       | Pass   | Peak   | 7  | 4715.000        | -57.57      | -41.20      | 16.37       | Pass   | AVG    |
| 2  | 4735.500        | -57.96      | -21.20      | 36.76       | Pass   | Peak   | 8  | 4735.500        | -57.50      | -41.20      | 16.30       | Pass   | AVG    |
| 3  | 5061.000        | -57.79      | -21.20      | 36.59       | Pass   | Peak   | 9  | 5061.000        | -57.07      | -41.20      | 15.87       | Pass   | AVG    |
| 4  | 5102.000        | -53.91      | -21.20      | 32.71       | Pass   | Peak   | 10 | 5102.000        | -56.19      | -41.20      | 14.99       | Pass   | AVG    |
| 5  | 5127.500        | -49.04      | -21.20      | 27.84       | Pass   | Peak   | 11 | 5127.500        | -54.81      | -41.20      | 13.61       | Pass   | AVG    |
| 6  | 5149.500        | -44.67      | -21.20      | 23.47       | Pass   | Peak   | 12 | 5149.500        | -51.95      | -41.20      | 10.75       | Pass   | AVG    |

# 802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN

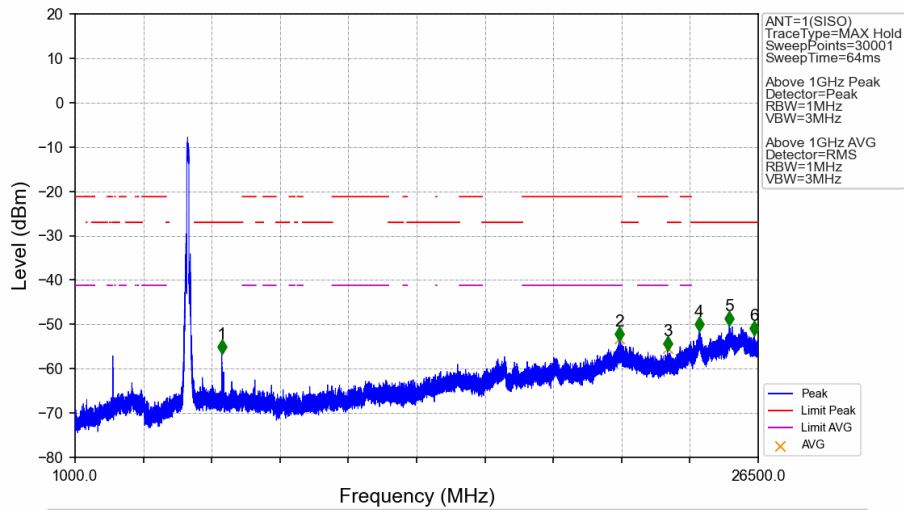


| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 21402.55        | -47.91      | -27.00      | 20.91       | Pass   | Peak   | 7  | 21402.55        | /           | -27.00      | /           | /      | AVG    |
| 2  | 22350.3         | -50.11      | -21.20      | 28.91       | Pass   | Peak   | 8  | 22350.3         | -52.11      | -41.20      | 10.91       | Pass   | AVG    |
| 3  | 23193.5         | -49.82      | -27.00      | 22.82       | Pass   | Peak   | 9  | 23193.5         | /           | -27.00      | /           | /      | AVG    |
| 4  | 24265.35        | -45.58      | -27.00      | 18.58       | Pass   | Peak   | 10 | 24265.35        | /           | -27.00      | /           | /      | AVG    |
| 5  | 25036.3         | -47.17      | -27.00      | 20.17       | Pass   | Peak   | 11 | 25036.3         | /           | -27.00      | /           | /      | AVG    |
| 6  | 25978.1         | -44.18      | -27.00      | 17.18       | Pass   | Peak   | 12 | 25978.1         | /           | -27.00      | /           | /      | AVG    |

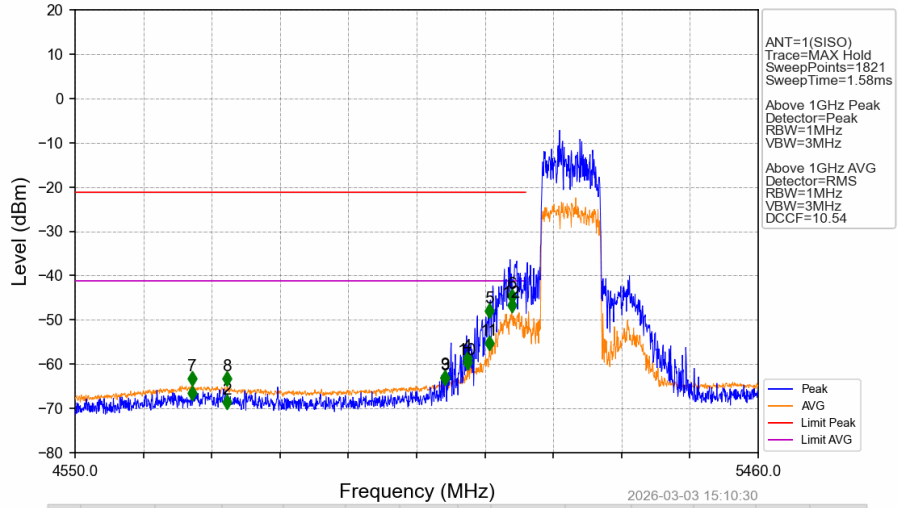
# 802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



# 802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN

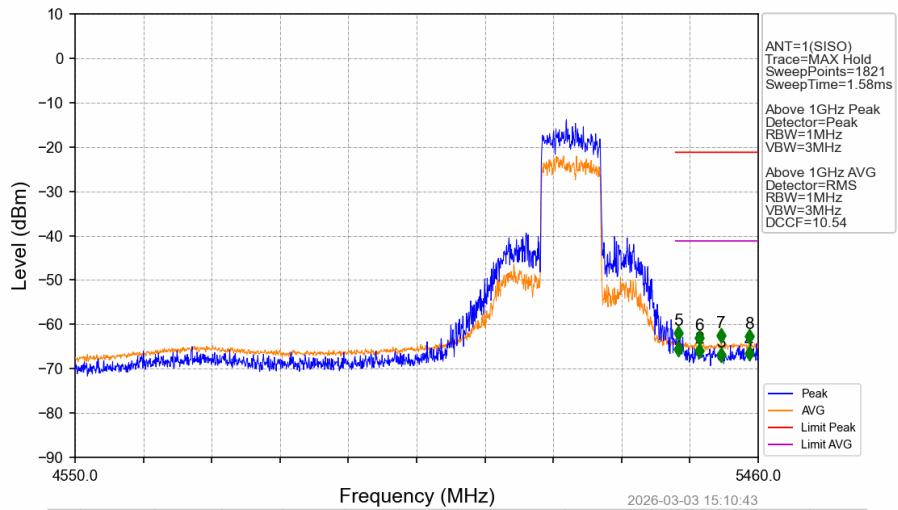


802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 4705.500        | -68.06      | -21.20      | 46.86       | Pass   | Peak   | 7  | 4705.500        | -64.85      | -41.20      | 23.65       | Pass   | AVG    |
| 2  | 4752.500        | -70.14      | -21.20      | 48.94       | Pass   | Peak   | 8  | 4752.500        | -64.90      | -41.20      | 23.70       | Pass   | AVG    |
| 3  | 5043.000        | -64.65      | -21.20      | 43.45       | Pass   | Peak   | 9  | 5043.000        | -64.55      | -41.20      | 23.35       | Pass   | AVG    |
| 4  | 5072.500        | -60.27      | -21.20      | 39.07       | Pass   | Peak   | 10 | 5072.500        | -61.20      | -41.20      | 20.00       | Pass   | AVG    |
| 5  | 5102.000        | -49.45      | -21.20      | 28.25       | Pass   | Peak   | 11 | 5102.000        | -56.85      | -41.20      | 15.65       | Pass   | AVG    |
| 6  | 5131.500        | -46.25      | -21.20      | 25.05       | Pass   | Peak   | 12 | 5131.500        | -48.21      | -41.20      | 7.01        | Pass   | AVG    |

802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 5353.000        | -67.10      | -21.20      | 45.90       | Pass   | Peak   | 5  | 5353.000        | -63.47      | -41.20      | 22.27       | Pass   | AVG    |
| 2  | 5381.500        | -67.59      | -21.20      | 46.39       | Pass   | Peak   | 6  | 5381.500        | -64.56      | -41.20      | 23.36       | Pass   | AVG    |
| 3  | 5410.500        | -68.47      | -21.20      | 47.27       | Pass   | Peak   | 7  | 5410.500        | -64.09      | -41.20      | 22.89       | Pass   | AVG    |
| 4  | 5448.000        | -68.16      | -21.20      | 46.96       | Pass   | Peak   | 8  | 5448.000        | -64.25      | -41.20      | 23.05       | Pass   | AVG    |

## 6. Frequency Stability

### 6.1 Test Result

#### 6.1.1 Ant1

| Ant1           |         |                 |                  |               |                          |              |         |
|----------------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode           | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz)  | Verdict |
| 802.11a        | SISO    | 5180            | 20               | 4.5           | 5180.040                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.0           | 5179.960                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.5           | 5180.040                 | 5150 to 5250 | Pass    |
|                |         |                 | -30              | 5.0           | 5180.020                 | 5150 to 5250 | Pass    |
|                |         |                 | -20              | 5.0           | 5180.020                 | 5150 to 5250 | Pass    |
|                |         |                 | -10              | 5.0           | 5179.960                 | 5150 to 5250 | Pass    |
|                |         |                 | 0                | 5.0           | 5179.960                 | 5150 to 5250 | Pass    |
|                |         |                 | 10               | 5.0           | 5179.980                 | 5150 to 5250 | Pass    |
|                |         |                 | 30               | 5.0           | 5180.020                 | 5150 to 5250 | Pass    |
|                |         |                 | 40               | 5.0           | 5180.040                 | 5150 to 5250 | Pass    |
|                |         |                 | 50               | 5.0           | 5179.980                 | 5150 to 5250 | Pass    |
|                |         | 5200            | 20               | 4.5           | 5200.000                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.0           | 5199.960                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.5           | 5200.040                 | 5150 to 5250 | Pass    |
|                |         |                 | -30              | 5.0           | 5200.060                 | 5150 to 5250 | Pass    |
|                |         |                 | -20              | 5.0           | 5199.960                 | 5150 to 5250 | Pass    |
|                |         |                 | -10              | 5.0           | 5200.000                 | 5150 to 5250 | Pass    |
|                |         |                 | 0                | 5.0           | 5200.020                 | 5150 to 5250 | Pass    |
|                |         |                 | 10               | 5.0           | 5200.040                 | 5150 to 5250 | Pass    |
|                |         |                 | 30               | 5.0           | 5199.960                 | 5150 to 5250 | Pass    |
|                |         |                 | 40               | 5.0           | 5199.880                 | 5150 to 5250 | Pass    |
|                |         |                 | 50               | 5.0           | 5199.960                 | 5150 to 5250 | Pass    |
|                |         | 5240            | 20               | 4.5           | 5240.040                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.0           | 5240.100                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.5           | 5240.060                 | 5150 to 5250 | Pass    |
|                |         |                 | -30              | 5.0           | 5240.060                 | 5150 to 5250 | Pass    |
|                |         |                 | -20              | 5.0           | 5240.060                 | 5150 to 5250 | Pass    |
|                |         |                 | -10              | 5.0           | 5240.040                 | 5150 to 5250 | Pass    |
|                |         |                 | 0                | 5.0           | 5239.960                 | 5150 to 5250 | Pass    |
|                |         |                 | 10               | 5.0           | 5240.120                 | 5150 to 5250 | Pass    |
|                |         |                 | 30               | 5.0           | 5239.980                 | 5150 to 5250 | Pass    |
|                |         |                 | 40               | 5.0           | 5240.080                 | 5150 to 5250 | Pass    |
|                |         |                 | 50               | 5.0           | 5239.960                 | 5150 to 5250 | Pass    |
| 802.11n (HT20) | SISO    | 5180            | 20               | 4.5           | 5180.100                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.0           | 5179.960                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.5           | 5179.940                 | 5150 to 5250 | Pass    |
|                |         |                 | -30              | 5.0           | 5180.020                 | 5150 to 5250 | Pass    |
|                |         |                 | -20              | 5.0           | 5179.920                 | 5150 to 5250 | Pass    |
|                |         |                 | -10              | 5.0           | 5180.000                 | 5150 to 5250 | Pass    |
|                |         |                 | 0                | 5.0           | 5179.960                 | 5150 to 5250 | Pass    |
|                |         |                 | 10               | 5.0           | 5179.960                 | 5150 to 5250 | Pass    |
|                |         |                 | 30               | 5.0           | 5180.000                 | 5150 to 5250 | Pass    |
|                |         |                 | 40               | 5.0           | 5179.900                 | 5150 to 5250 | Pass    |
|                |         |                 | 50               | 5.0           | 5180.000                 | 5150 to 5250 | Pass    |
|                |         | 5200            | 20               | 4.5           | 5199.960                 | 5150 to 5250 | Pass    |
|                |         |                 |                  | 5.0           | 5200.020                 | 5150 to 5250 | Pass    |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      |     | 5.5 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5200.080 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5200.060 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5200.060 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5200.060 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5199.980 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5200.040 | 5150 to 5250 | Pass |
|                     |      | 5240 | 20  | 4.5 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5240.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5239.980 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5240.060 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5239.940 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5239.980 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5240.120 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5240.020 | 5150 to 5250 | Pass |
| 802.11n<br>(HT40)   | SISO | 5190 | 20  | 4.5 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5190.120 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      | 5230 | 20  | 4.5 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5230.160 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5230.120 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5230.160 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5230.000 | 5150 to 5250 | Pass |
| 802.11ac<br>(VHT20) | SISO | 5180 | 20  | 4.5 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5179.920 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5179.920 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5179.960 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5179.960 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5180.020 | 5150 to 5250 | Pass |
|                     |      | 5200 | 20  | 4.5 | 5199.980 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5199.920 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5199.980 | 5150 to 5250 | Pass |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      | 0   | 5.0 | 5199.960 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5199.960 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5200.040 | 5150 to 5250 | Pass |
|                     |      | 5240 | 20  | 4.5 | 5240.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5240.100 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5239.960 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5240.040 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5239.980 | 5150 to 5250 | Pass |
| 802.11ac<br>(VHT40) | SISO | 5190 | 20  | 4.5 | 5190.080 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5189.960 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5189.960 | 5150 to 5250 | Pass |
|                     |      | 5230 | 20  | 4.5 | 5230.160 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5229.920 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5230.080 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5230.080 | 5150 to 5250 | Pass |
| 802.11ac<br>(VHT80) | SISO | 5210 | 20  | 4.5 | 5210.150 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5210.150 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5210.150 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5210.150 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 5.0 | 5210.075 | 5150 to 5250 | Pass |
| 802.11ax<br>(HEW20) | SISO | 5180 | 20  | 4.5 | 5180.060 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.0 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 5.5 | 5179.960 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 5.0 | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 5.0 | 5179.940 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 5.0 | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 5.0 | 5180.040 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 5.0 | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 5.0 | 5179.960 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 5.0 | 5180.020 | 5150 to 5250 | Pass |

|                     |          |                     |      |      |          |              |              |
|---------------------|----------|---------------------|------|------|----------|--------------|--------------|
|                     |          |                     | 50   | 5.0  | 5180.040 | 5150 to 5250 | Pass         |
|                     |          | 5200                | 20   | 4.5  | 5199.980 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.0  | 5199.940 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.5  | 5200.040 | 5150 to 5250 | Pass         |
|                     |          |                     |      | -30  | 5.0      | 5199.940     | 5150 to 5250 |
|                     |          |                     | -20  | 5.0  | 5200.100 | 5150 to 5250 | Pass         |
|                     |          |                     | -10  | 5.0  | 5199.980 | 5150 to 5250 | Pass         |
|                     |          |                     | 0    | 5.0  | 5200.040 | 5150 to 5250 | Pass         |
|                     |          |                     | 10   | 5.0  | 5200.020 | 5150 to 5250 | Pass         |
|                     |          |                     | 30   | 5.0  | 5200.040 | 5150 to 5250 | Pass         |
|                     |          |                     | 40   | 5.0  | 5200.000 | 5150 to 5250 | Pass         |
|                     |          |                     | 50   | 5.0  | 5200.060 | 5150 to 5250 | Pass         |
|                     |          | 5240                | 20   | 4.5  | 5240.000 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.0  | 5240.020 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.5  | 5240.000 | 5150 to 5250 | Pass         |
|                     |          |                     | -30  | 5.0  | 5240.020 | 5150 to 5250 | Pass         |
|                     |          |                     | -20  | 5.0  | 5239.960 | 5150 to 5250 | Pass         |
|                     |          |                     | -10  | 5.0  | 5240.120 | 5150 to 5250 | Pass         |
|                     |          |                     | 0    | 5.0  | 5239.960 | 5150 to 5250 | Pass         |
|                     |          |                     | 10   | 5.0  | 5240.060 | 5150 to 5250 | Pass         |
|                     |          |                     | 30   | 5.0  | 5240.000 | 5150 to 5250 | Pass         |
|                     |          |                     | 40   | 5.0  | 5240.040 | 5150 to 5250 | Pass         |
|                     |          |                     | 50   | 5.0  | 5240.040 | 5150 to 5250 | Pass         |
|                     |          | 802.11ax<br>(HEW40) | SISO | 5190 | 20       | 4.5          | 5190.040     |
| 5.0                 | 5189.960 |                     |      |      |          | 5150 to 5250 | Pass         |
| 5.5                 | 5190.040 |                     |      |      |          | 5150 to 5250 | Pass         |
| -30                 | 5.0      |                     |      |      | 5190.000 | 5150 to 5250 | Pass         |
| -20                 | 5.0      |                     |      |      | 5190.040 | 5150 to 5250 | Pass         |
| -10                 | 5.0      |                     |      |      | 5190.120 | 5150 to 5250 | Pass         |
| 0                   | 5.0      |                     |      |      | 5189.960 | 5150 to 5250 | Pass         |
| 10                  | 5.0      |                     |      |      | 5190.080 | 5150 to 5250 | Pass         |
| 30                  | 5.0      |                     |      |      | 5190.000 | 5150 to 5250 | Pass         |
| 40                  | 5.0      |                     |      |      | 5190.040 | 5150 to 5250 | Pass         |
| 50                  | 5.0      |                     |      |      | 5190.040 | 5150 to 5250 | Pass         |
| 5230                | 20       |                     |      | 4.5  | 5230.080 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.0  | 5230.080 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.5  | 5230.080 | 5150 to 5250 | Pass         |
|                     | -30      |                     |      | 5.0  | 5230.040 | 5150 to 5250 | Pass         |
|                     | -20      |                     |      | 5.0  | 5230.040 | 5150 to 5250 | Pass         |
|                     | -10      |                     |      | 5.0  | 5230.040 | 5150 to 5250 | Pass         |
|                     | 0        |                     |      | 5.0  | 5230.040 | 5150 to 5250 | Pass         |
|                     | 10       |                     |      | 5.0  | 5230.040 | 5150 to 5250 | Pass         |
|                     | 30       |                     |      | 5.0  | 5230.120 | 5150 to 5250 | Pass         |
|                     | 40       |                     |      | 5.0  | 5230.080 | 5150 to 5250 | Pass         |
|                     | 50       |                     |      | 5.0  | 5230.040 | 5150 to 5250 | Pass         |
| 802.11ax<br>(HEW80) | SISO     | 5210                | 20   | 4.5  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.0  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     |      | 5.5  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     | -30  | 5.0  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     | -20  | 5.0  | 5210.225 | 5150 to 5250 | Pass         |
|                     |          |                     | -10  | 5.0  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     | 0    | 5.0  | 5210.000 | 5150 to 5250 | Pass         |
|                     |          |                     | 10   | 5.0  | 5210.225 | 5150 to 5250 | Pass         |
|                     |          |                     | 30   | 5.0  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     | 40   | 5.0  | 5210.075 | 5150 to 5250 | Pass         |
|                     |          |                     | 50   | 5.0  | 5210.075 | 5150 to 5250 | Pass         |