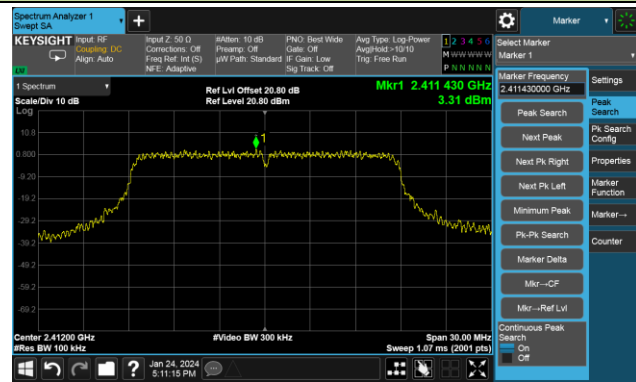


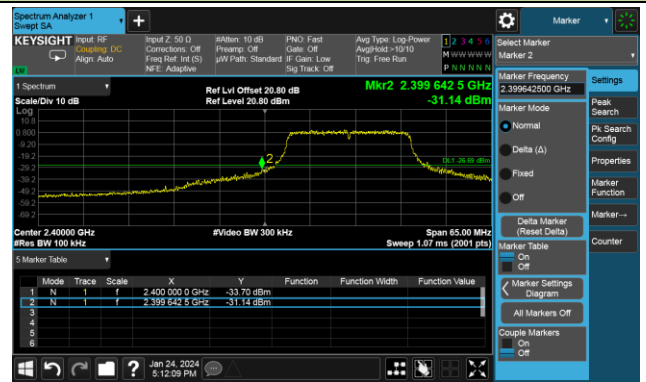
802.11n-HT20 Out-of-Band Emissions

Channel 01 (2412MHz)

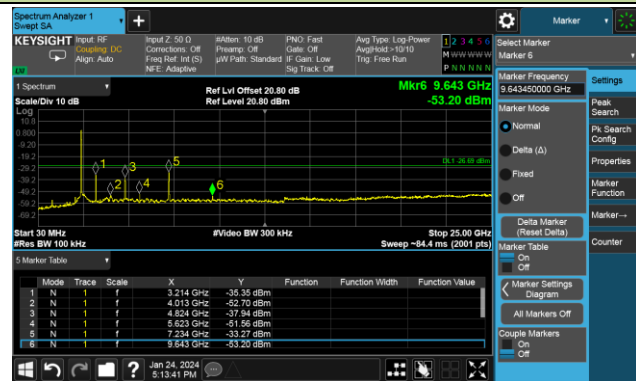
Reference Level



Low Band Edge



Spurious Emission

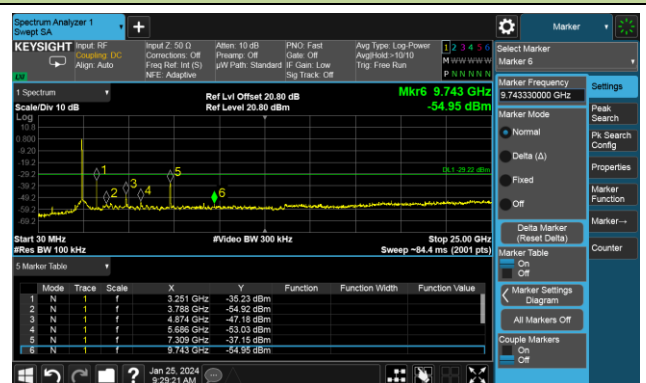


Channel 06 (2437MHz)

Reference Level



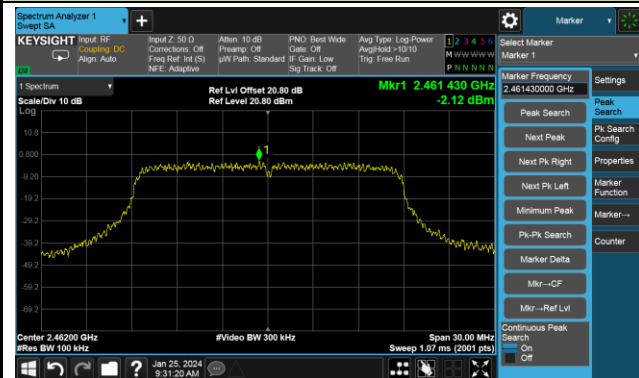
Spurious Emission



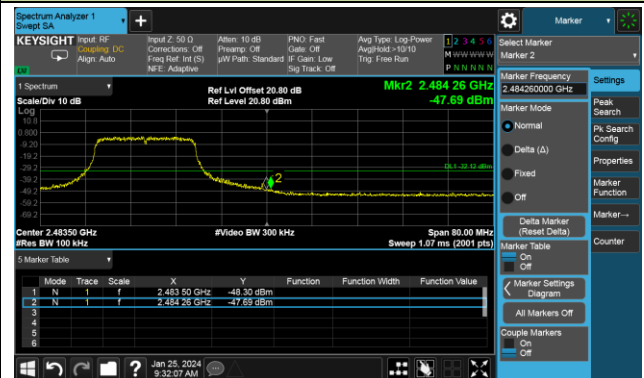
802.11n-HT20 Out-of-Band Emissions

Channel 11 (2462MHz)

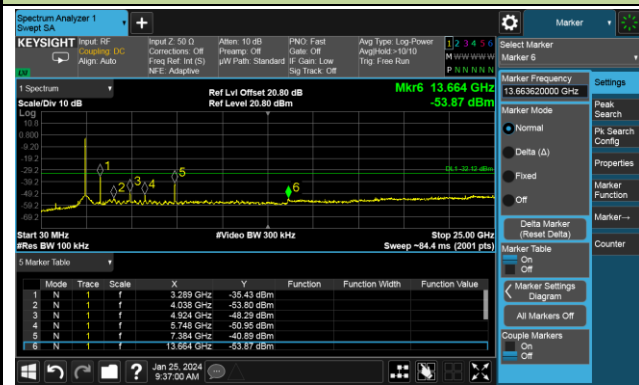
Reference Level



High Band Edge



Spurious Emission



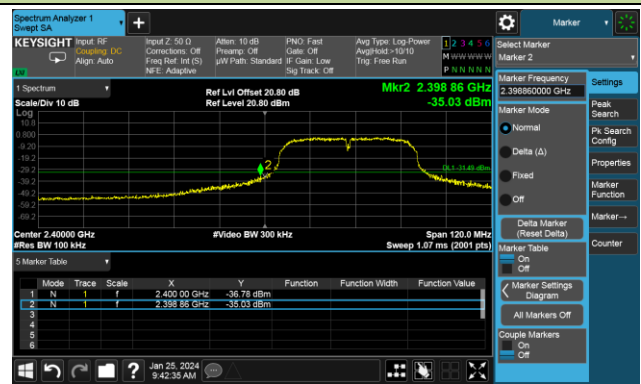
802.11n-HT40 Out-of-Band Emissions

Channel 03 (2422MHz)

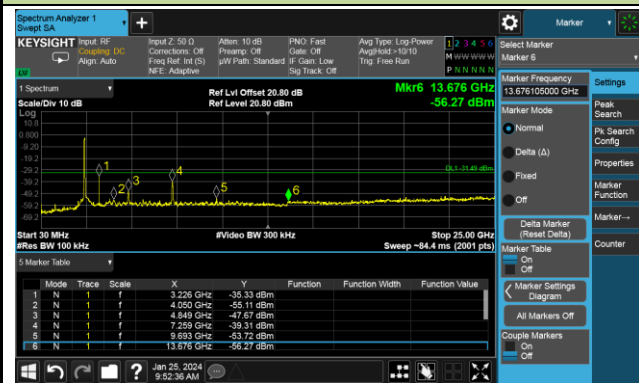
Reference Level



Low Band Edge

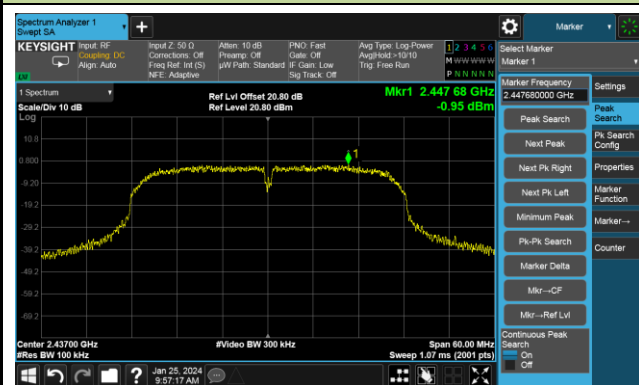


Spurious Emission

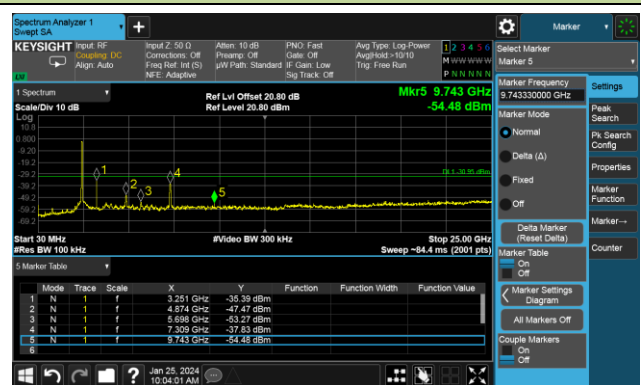


Channel 06 (2437MHz)

Reference Level



Spurious Emission



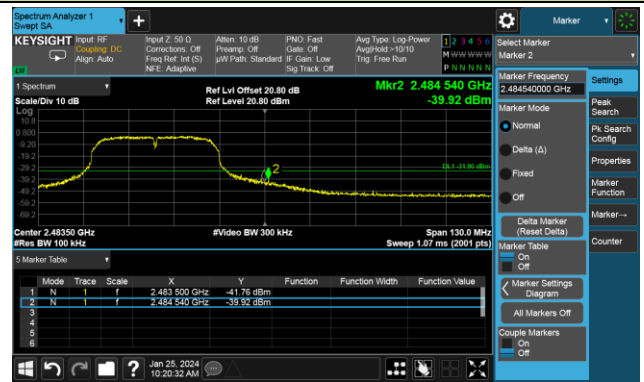
802.11n-HT40 Out-of-Band Emissions

Channel 09 (2452MHz)

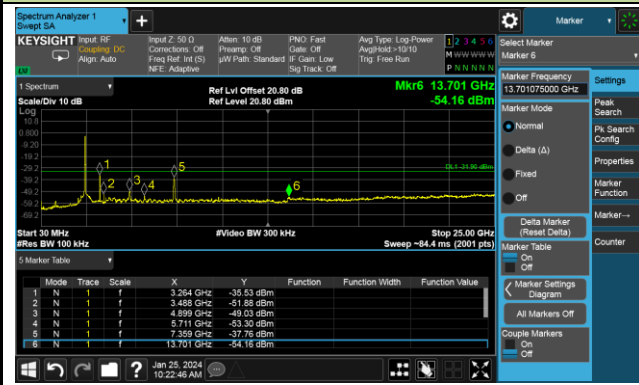
Reference Level



High Band Edge



Spurious Emission



A.6 Radiated Spurious Emission Test Result

| | | | |
|-----------|--|---------------|------------|
| Test Site | SIP-AC1 | Test Engineer | Arvin Ding |
| Test Date | 2024-01-22 ~ 2024-01-26 | Test Mode | 802.11b |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report. | | |

| Test Channel | Frequency (MHz) | Reading Level (dB μ V) | Factor (dB/m) | Measure Level (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------------|---------------|------------------------------|----------------------|-------------|----------|--------------|
| 01 | 4017.5 | 41.8 | 2.7 | 44.5 | 74.0 | -29.5 | Peak | Horizontal |
| | 4825.0 | 48.3 | 4.7 | 53.0 | 74.0 | -21.0 | Peak | Horizontal |
| | 4825.0 | 47.6 | 4.7 | 52.3 | 54.0 | -1.7 | Average | Horizontal |
| | 15832.5 | 38.1 | 18.6 | 56.7 | 74.0 | -17.3 | Peak | Horizontal |
| | 15832.5 | 25.0 | 18.6 | 43.6 | 54.0 | -10.4 | Average | Horizontal |
| | 4017.5 | 42.5 | 2.7 | 45.2 | 74.0 | -28.8 | Peak | Vertical |
| | 4825.0 | 50.6 | 4.7 | 55.3 | 74.0 | -18.7 | Peak | Vertical |
| | 4825.0 | 49.1 | 4.7 | 53.8 | 54.0 | -0.2 | Average | Vertical |
| | 16045.0 | 37.9 | 18.5 | 56.4 | 74.0 | -17.6 | Peak | Vertical |
| | 16045.0 | 24.9 | 18.5 | 43.4 | 54.0 | -10.6 | Average | Vertical |
| 06 | 4060.0 | 41.5 | 2.8 | 44.3 | 74.0 | -29.7 | Peak | Horizontal |
| | 4876.0 | 48.1 | 4.7 | 52.8 | 74.0 | -21.2 | Peak | Horizontal |
| | 4876.0 | 44.9 | 4.7 | 49.6 | 54.0 | -4.4 | Average | Horizontal |
| | 7307.0 | 50.1 | 8.1 | 58.2 | 74.0 | -15.8 | Peak | Horizontal |
| | 7307.0 | 45.7 | 8.1 | 53.8 | 54.0 | -0.2 | Average | Horizontal |
| | 4068.5 | 39.9 | 2.7 | 42.6 | 74.0 | -31.4 | Peak | Vertical |
| | 4876.0 | 48.5 | 4.7 | 53.2 | 74.0 | -20.8 | Peak | Vertical |
| | 4876.0 | 47.1 | 4.7 | 51.8 | 54.0 | -2.2 | Average | Vertical |
| | 7315.5 | 50.4 | 8.2 | 58.6 | 74.0 | -15.4 | Peak | Vertical |
| | 7315.5 | 45.4 | 8.2 | 53.6 | 54.0 | -0.4 | Average | Vertical |
| 11 | 4927.0 | 47.0 | 5.1 | 52.1 | 74.0 | -21.9 | Peak | Horizontal |
| | 4927.0 | 45.1 | 5.1 | 50.2 | 54.0 | -3.8 | Average | Horizontal |
| | 7383.5 | 49.0 | 8.3 | 57.3 | 74.0 | -16.7 | Peak | Horizontal |
| | 7383.5 | 44.9 | 8.3 | 53.2 | 54.0 | -0.8 | Average | Horizontal |
| | 15807.0 | 37.1 | 19.1 | 56.2 | 74.0 | -17.8 | Peak | Horizontal |
| | 15807.0 | 24.3 | 19.1 | 43.4 | 54.0 | -10.6 | Average | Horizontal |
| | 4927.0 | 48.0 | 5.1 | 53.1 | 74.0 | -20.9 | Peak | Vertical |
| | 4927.0 | 47.0 | 5.1 | 52.1 | 54.0 | -1.9 | Average | Vertical |

| | | | | | | | | |
|--|---------|------|------|------|------|-------|---------|----------|
| | 7383.5 | 51.3 | 8.3 | 59.6 | 74.0 | -14.4 | Peak | Vertical |
| | 7383.5 | 45.4 | 8.3 | 53.7 | 54.0 | -0.3 | Average | Vertical |
| | 15841.0 | 37.7 | 18.8 | 56.5 | 74.0 | -17.5 | Peak | Vertical |
| | 15841.0 | 24.7 | 18.8 | 43.5 | 54.0 | -10.5 | Average | Vertical |

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | | | |
|-----------|--|---------------|------------|
| Test Site | SIP-AC1 | Test Engineer | Arvin Ding |
| Test Date | 2024-01-22 ~ 2024-01-26 | Test Mode | 802.11g |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report. | | |

| Test Channel | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|-------------|----------|--------------|
| 01 | 4026.0 | 42.5 | 2.8 | 45.3 | 74.0 | -28.7 | Peak | Horizontal |
| | 4825.0 | 54.3 | 4.7 | 59.0 | 74.0 | -15.0 | Peak | Horizontal |
| | 4825.0 | 47.4 | 4.7 | 52.1 | 54.0 | -1.9 | Average | Horizontal |
| | 15807.0 | 36.7 | 19.1 | 55.8 | 74.0 | -18.2 | Peak | Horizontal |
| | 15807.0 | 24.7 | 19.1 | 43.8 | 54.0 | -10.2 | Average | Horizontal |
| | 4825.0 | 57.4 | 4.7 | 62.1 | 74.0 | -11.9 | Peak | Vertical |
| | 4825.0 | 49.0 | 4.7 | 53.7 | 54.0 | -0.3 | Average | Vertical |
| | 12058.5 | 36.8 | 12.2 | 49.0 | 74.0 | -25.0 | Peak | Vertical |
| | 15926.0 | 36.8 | 19.2 | 56.0 | 74.0 | -18.0 | Peak | Vertical |
| | 15926.0 | 24.9 | 19.2 | 44.1 | 54.0 | -9.9 | Average | Vertical |
| 06 | 4060.0 | 41.4 | 2.8 | 44.2 | 74.0 | -29.8 | Peak | Horizontal |
| | 4876.0 | 49.6 | 4.7 | 54.3 | 74.0 | -19.7 | Peak | Horizontal |
| | 4876.0 | 44.0 | 4.7 | 48.7 | 54.0 | -5.3 | Average | Horizontal |
| | 7315.5 | 55.0 | 8.2 | 63.2 | 74.0 | -10.8 | Peak | Horizontal |
| | 7315.5 | 45.7 | 8.2 | 53.9 | 54.0 | -0.1 | Average | Horizontal |
| | 4060.0 | 42.0 | 2.8 | 44.8 | 74.0 | -29.2 | Peak | Vertical |
| | 4876.0 | 53.7 | 4.7 | 58.4 | 74.0 | -15.6 | Peak | Vertical |
| | 4876.0 | 44.6 | 4.7 | 49.3 | 54.0 | -4.7 | Average | Vertical |
| | 7315.5 | 55.8 | 8.2 | 64.0 | 74.0 | -10.0 | Peak | Vertical |
| | 7315.5 | 45.5 | 8.2 | 53.7 | 54.0 | -0.3 | Average | Vertical |
| 11 | 4918.5 | 49.0 | 5.1 | 54.1 | 74.0 | -19.9 | Peak | Horizontal |
| | 4918.5 | 39.4 | 5.1 | 44.5 | 54.0 | -9.5 | Average | Horizontal |
| | 7400.5 | 52.7 | 8.3 | 61.0 | 74.0 | -13.0 | Peak | Horizontal |
| | 7400.5 | 45.6 | 8.3 | 53.9 | 54.0 | -0.1 | Average | Horizontal |
| | 15688.0 | 33.6 | 18.1 | 51.7 | 74.0 | -22.3 | Peak | Horizontal |
| | 15688.0 | 21.7 | 18.1 | 39.8 | 54.0 | -14.2 | Average | Horizontal |
| | 4927.0 | 48.7 | 5.1 | 53.8 | 74.0 | -20.2 | Peak | Vertical |
| | 4927.0 | 41.9 | 5.1 | 47.0 | 54.0 | -7.0 | Average | Vertical |
| | 7383.5 | 53.8 | 8.3 | 62.1 | 74.0 | -11.9 | Peak | Vertical |

| | | | | | | | | |
|--|---------|------|------|------|------|-------|---------|----------|
| | 7383.5 | 44.4 | 8.3 | 52.7 | 54.0 | -1.3 | Average | Vertical |
| | 15586.0 | 32.7 | 19.3 | 52.0 | 74.0 | -22.0 | Peak | Vertical |
| | 15586.0 | 20.7 | 19.3 | 40.0 | 54.0 | -14.0 | Average | Vertical |

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| | | | |
|-----------|--|---------------|--------------|
| Test Site | SIP-AC1 | Test Engineer | Arvin Ding |
| Test Date | 2024-01-22 ~ 2024-01-26 | Test Mode | 802.11n-HT20 |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report. | | |

| Test Channel | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|-------------|----------|--------------|
| 01 | 4026.0 | 44.6 | 2.8 | 47.4 | 74.0 | -26.6 | Peak | Horizontal |
| | 4825.0 | 58.7 | 4.7 | 63.4 | 74.0 | -10.6 | Peak | Horizontal |
| | 4825.0 | 48.9 | 4.7 | 53.6 | 54.0 | -0.4 | Average | Horizontal |
| | 15569.0 | 32.9 | 19.3 | 52.2 | 74.0 | -21.8 | Peak | Horizontal |
| | 15569.0 | 20.5 | 19.3 | 39.8 | 54.0 | -14.2 | Average | Horizontal |
| | 4816.5 | 59.8 | 4.7 | 64.5 | 74.0 | -9.5 | Peak | Vertical |
| | 4816.5 | 48.7 | 4.7 | 53.4 | 54.0 | -0.6 | Average | Vertical |
| | 12058.5 | 39.3 | 12.2 | 51.5 | 74.0 | -22.5 | Peak | Vertical |
| | 12058.5 | 30.1 | 12.2 | 42.3 | 54.0 | -11.7 | Average | Vertical |
| | 15484.0 | 33.3 | 18.4 | 51.7 | 74.0 | -22.3 | Peak | Vertical |
| | 15484.0 | 20.3 | 18.4 | 38.7 | 54.0 | -15.3 | Average | Vertical |
| 06 | 4876.0 | 50.4 | 4.7 | 55.1 | 74.0 | -18.9 | Peak | Horizontal |
| | 4876.0 | 41.2 | 4.7 | 45.9 | 54.0 | -8.1 | Average | Horizontal |
| | 7324.0 | 54.2 | 8.3 | 62.5 | 74.0 | -11.5 | Peak | Horizontal |
| | 7324.0 | 45.4 | 8.3 | 53.7 | 54.0 | -0.3 | Average | Horizontal |
| | 15382.0 | 33.9 | 18.1 | 52.0 | 74.0 | -22.0 | Peak | Horizontal |
| | 15382.0 | 21.0 | 18.1 | 39.1 | 54.0 | -14.9 | Average | Horizontal |
| | 4867.5 | 53.2 | 4.8 | 58.0 | 74.0 | -16.0 | Peak | Vertical |
| | 4867.5 | 43.3 | 4.8 | 48.1 | 54.0 | -5.9 | Average | Vertical |
| | 7307.0 | 56.2 | 8.1 | 64.3 | 74.0 | -9.7 | Peak | Vertical |
| | 7307.0 | 45.7 | 8.1 | 53.8 | 54.0 | -0.2 | Average | Vertical |
| | 15705.0 | 32.0 | 18.3 | 50.3 | 74.0 | -23.7 | Peak | Vertical |
| 15705.0 | 20.7 | 18.3 | 39.0 | 54.0 | -15.0 | Average | Vertical | |
| 11 | 4927.0 | 48.7 | 5.1 | 53.8 | 74.0 | -20.2 | Peak | Horizontal |
| | 4927.0 | 39.0 | 5.1 | 44.1 | 54.0 | -9.9 | Average | Horizontal |
| | 7383.5 | 54.2 | 8.3 | 62.5 | 74.0 | -11.5 | Peak | Horizontal |
| | 7383.5 | 45.0 | 8.3 | 53.3 | 54.0 | -0.7 | Average | Horizontal |
| | 16002.5 | 34.2 | 18.2 | 52.4 | 74.0 | -21.6 | Peak | Horizontal |
| | 16002.5 | 20.9 | 18.2 | 39.1 | 54.0 | -14.9 | Average | Horizontal |

| | | | | | | | | |
|--|---------|------|------|------|------|-------|---------|----------|
| | 4918.5 | 50.0 | 5.1 | 55.1 | 74.0 | -18.9 | Peak | Vertical |
| | 4918.5 | 39.3 | 5.1 | 44.4 | 54.0 | -9.6 | Average | Vertical |
| | 7375.0 | 53.2 | 8.3 | 61.5 | 74.0 | -12.5 | Peak | Vertical |
| | 7375.0 | 42.8 | 8.3 | 51.1 | 54.0 | -2.9 | Average | Vertical |
| | 16062.0 | 34.0 | 18.7 | 52.7 | 74.0 | -21.3 | Peak | Vertical |
| | 16062.0 | 21.2 | 18.7 | 39.9 | 54.0 | -14.1 | Average | Vertical |
| Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB) | | | | | | | | |

| | | | |
|-----------|--|---------------|--------------|
| Test Site | SIP-AC1 | Test Engineer | Arvin Ding |
| Test Date | 2024-01-22 ~ 2024-01-26 | Test Mode | 802.11n-HT40 |
| Remark: | 1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report. | | |

| Test Channel | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|-------------|----------|--------------|
| 03 | 4842.0 | 51.3 | 4.8 | 56.1 | 74.0 | -17.9 | Peak | Horizontal |
| | 4842.0 | 43.4 | 4.8 | 48.2 | 54.0 | -5.8 | Average | Horizontal |
| | 7264.5 | 54.9 | 8.5 | 63.4 | 74.0 | -10.6 | Peak | Horizontal |
| | 7264.5 | 44.8 | 8.5 | 53.3 | 54.0 | -0.7 | Average | Horizontal |
| | 16062.0 | 34.5 | 18.7 | 53.2 | 74.0 | -20.8 | Peak | Horizontal |
| | 16062.0 | 21.0 | 18.7 | 39.7 | 54.0 | -14.3 | Average | Horizontal |
| | 4842.0 | 52.2 | 4.8 | 57.0 | 74.0 | -17.0 | Peak | Vertical |
| | 4842.0 | 43.0 | 4.8 | 47.8 | 54.0 | -6.2 | Average | Vertical |
| | 7264.5 | 55.1 | 8.5 | 63.6 | 74.0 | -10.4 | Peak | Vertical |
| | 7264.5 | 45.3 | 8.5 | 53.8 | 54.0 | -0.2 | Average | Vertical |
| | 15586.0 | 32.9 | 19.3 | 52.2 | 74.0 | -21.8 | Peak | Vertical |
| | 15586.0 | 20.6 | 19.3 | 39.9 | 54.0 | -14.1 | Average | Vertical |
| 06 | 4876.0 | 51.9 | 4.7 | 56.6 | 74.0 | -17.4 | Peak | Horizontal |
| | 4876.0 | 43.4 | 4.7 | 48.1 | 54.0 | -5.9 | Average | Horizontal |
| | 7298.5 | 55.2 | 8.1 | 63.3 | 74.0 | -10.7 | Peak | Horizontal |
| | 7298.5 | 45.0 | 8.1 | 53.1 | 54.0 | -0.9 | Average | Horizontal |
| | 15824.0 | 33.3 | 18.4 | 51.7 | 74.0 | -22.3 | Peak | Horizontal |
| | 15824.0 | 20.6 | 18.4 | 39.0 | 54.0 | -15.0 | Average | Horizontal |
| | 4876.0 | 52.0 | 4.7 | 56.7 | 74.0 | -17.3 | Peak | Vertical |
| | 4876.0 | 42.7 | 4.7 | 47.4 | 54.0 | -6.6 | Average | Vertical |
| | 7298.5 | 53.7 | 8.1 | 61.8 | 74.0 | -12.2 | Peak | Vertical |
| | 7298.5 | 43.8 | 8.1 | 51.9 | 54.0 | -2.1 | Average | Vertical |
| | 15722.0 | 33.5 | 18.8 | 52.3 | 74.0 | -21.7 | Peak | Vertical |
| | 15722.0 | 20.4 | 18.8 | 39.2 | 54.0 | -14.8 | Average | Vertical |
| 09 | 4910.0 | 52.3 | 5.1 | 57.4 | 74.0 | -16.6 | Peak | Horizontal |
| | 4910.0 | 43.4 | 5.1 | 48.5 | 54.0 | -5.5 | Average | Horizontal |
| | 7358.0 | 53.5 | 8.1 | 61.6 | 74.0 | -12.4 | Peak | Horizontal |
| | 7358.0 | 45.8 | 8.1 | 53.9 | 54.0 | -0.1 | Average | Horizontal |
| | 16138.5 | 33.7 | 18.9 | 52.6 | 74.0 | -21.4 | Peak | Horizontal |

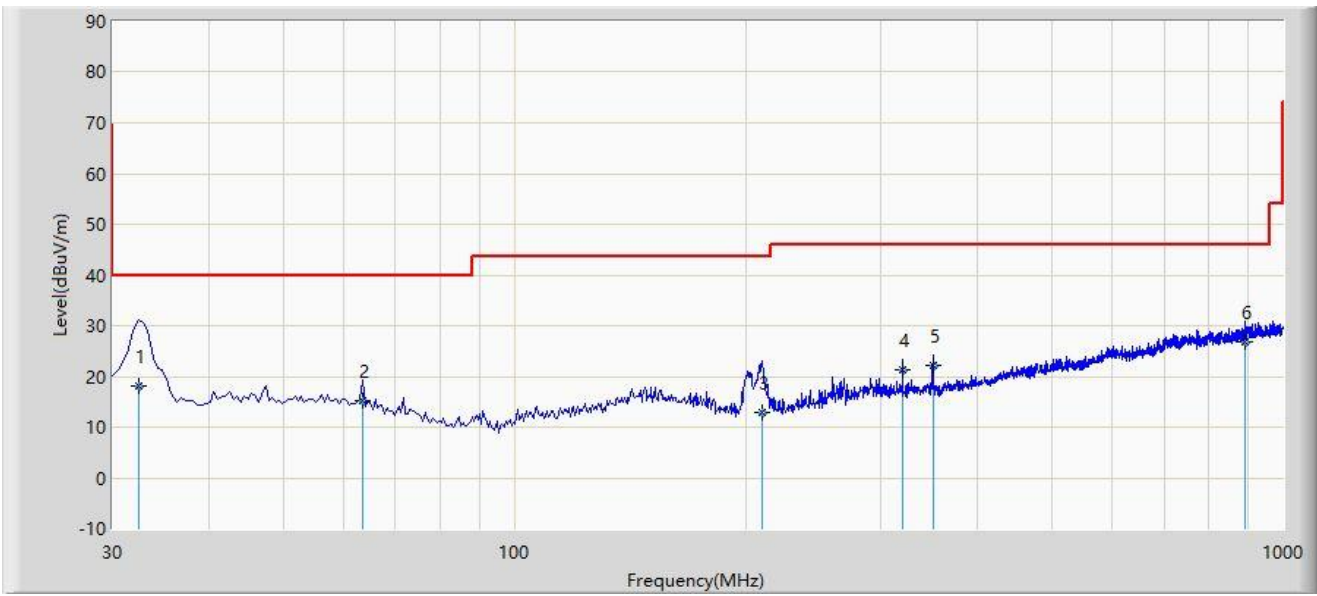
| | | | | | | | | |
|--|---------|------|------|------|------|-------|---------|------------|
| | 16138.5 | 21.0 | 18.9 | 39.9 | 54.0 | -14.1 | Average | Horizontal |
| | 4901.5 | 52.6 | 5.0 | 57.6 | 74.0 | -16.4 | Peak | Vertical |
| | 4901.5 | 43.5 | 5.0 | 48.5 | 54.0 | -5.5 | Average | Vertical |
| | 7366.5 | 54.9 | 8.2 | 63.1 | 74.0 | -10.9 | Peak | Vertical |
| | 7366.5 | 45.2 | 8.2 | 53.4 | 54.0 | -0.6 | Average | Vertical |
| | 15917.5 | 33.9 | 19.2 | 53.1 | 74.0 | -20.9 | Peak | Vertical |
| | 15917.5 | 20.9 | 19.2 | 40.1 | 54.0 | -13.9 | Average | Vertical |

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission below 1GHz:

| | |
|---|-----------------------|
| Site: SIP-AC1 | Test Date: 2024-01-25 |
| Limit: FCC_Part15.209_RSE(3m) | Engineer: Mero Zhou |
| Probe: VULB 9168_00998_25-2000MHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2437MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 32.425 | 18.051 | 1.200 | -21.949 | 40.000 | 16.851 | QP |
| 2 | | 63.465 | 15.142 | -1.800 | -24.858 | 40.000 | 16.942 | QP |
| 3 | | 209.935 | 12.790 | -1.700 | -30.710 | 43.500 | 14.490 | QP |
| 4 | | 320.030 | 21.222 | 2.300 | -24.778 | 46.000 | 18.922 | QP |
| 5 | | 350.100 | 22.200 | 2.800 | -23.800 | 46.000 | 19.400 | QP |
| 6 | * | 891.845 | 26.927 | -2.500 | -19.073 | 46.000 | 29.427 | QP |

Note 1: " * ", means this data is the worst emission level.

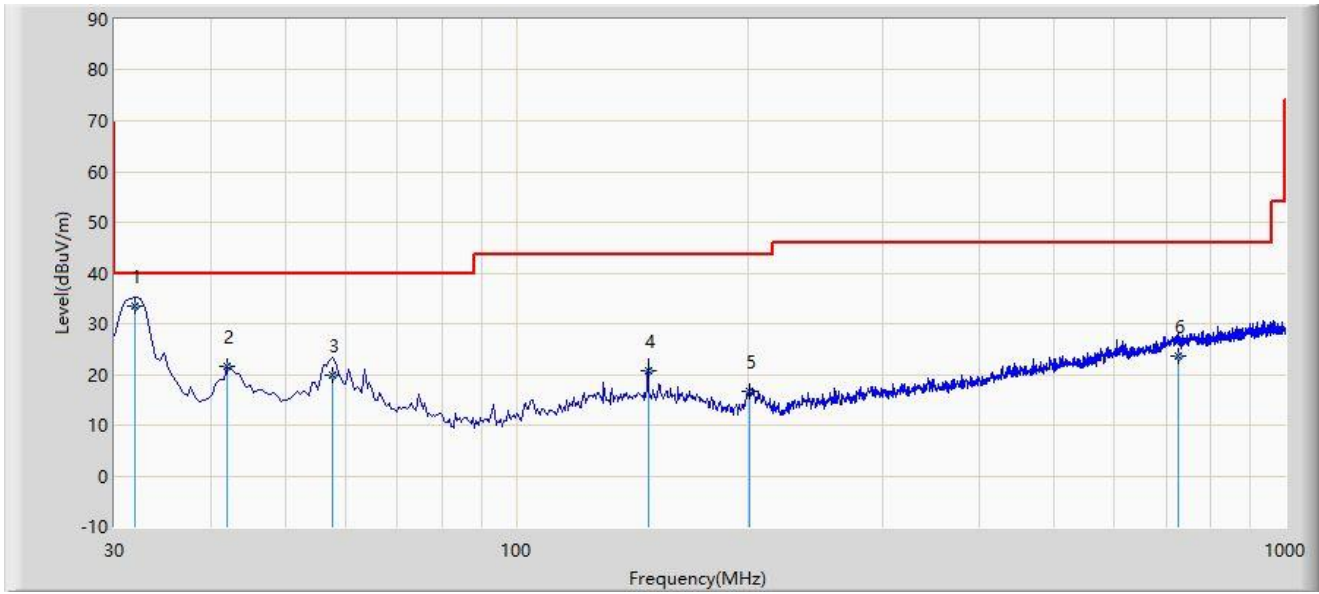
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

| | |
|---|-----------------------|
| Site: SIP-AC1 | Test Date: 2024-01-25 |
| Limit: FCC_Part15.209_RSE(3m) | Engineer: Mero Zhou |
| Probe: VULB 9168_00998_25-2000MHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2437MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 31.940 | 33.525 | 16.800 | -6.475 | 40.000 | 16.725 | QP |
| 2 | | 42.125 | 21.513 | 3.700 | -18.487 | 40.000 | 17.813 | QP |
| 3 | | 57.645 | 19.732 | 2.200 | -20.268 | 40.000 | 17.532 | QP |
| 4 | | 148.340 | 20.852 | 2.500 | -22.648 | 43.500 | 18.352 | QP |
| 5 | | 200.720 | 16.707 | 2.400 | -26.793 | 43.500 | 14.308 | QP |
| 6 | | 725.975 | 23.734 | -3.600 | -22.266 | 46.000 | 27.334 | QP |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

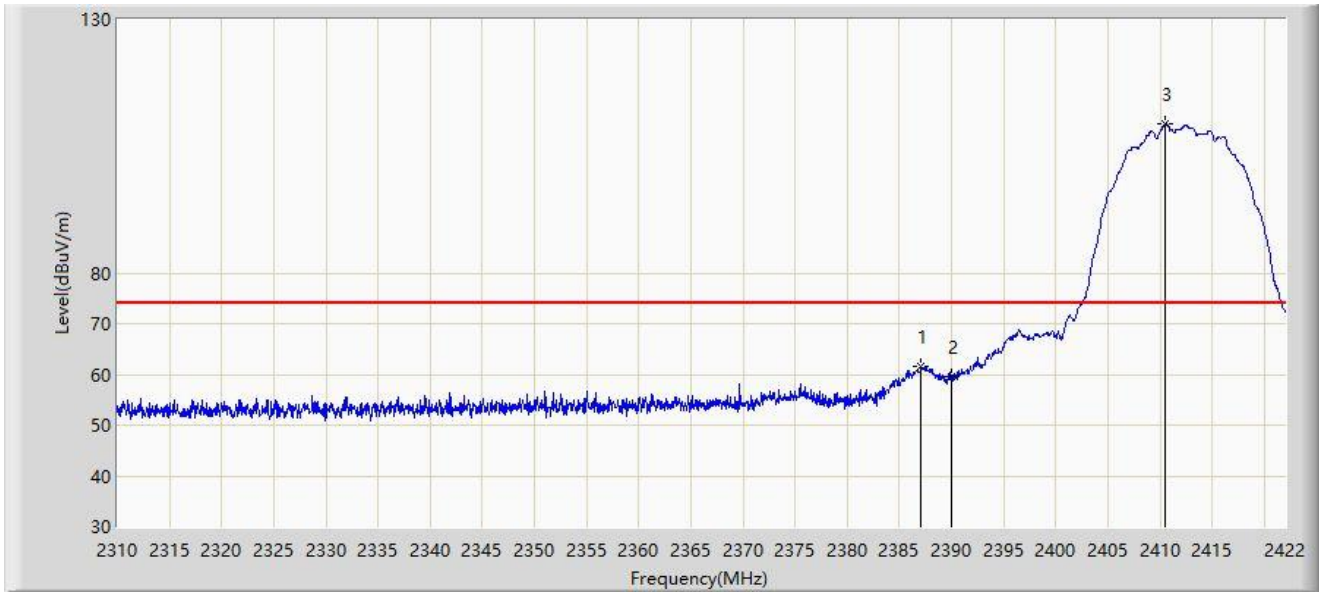
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

A.7 Radiated Restricted Band Edge Test Result

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2412MHz | |



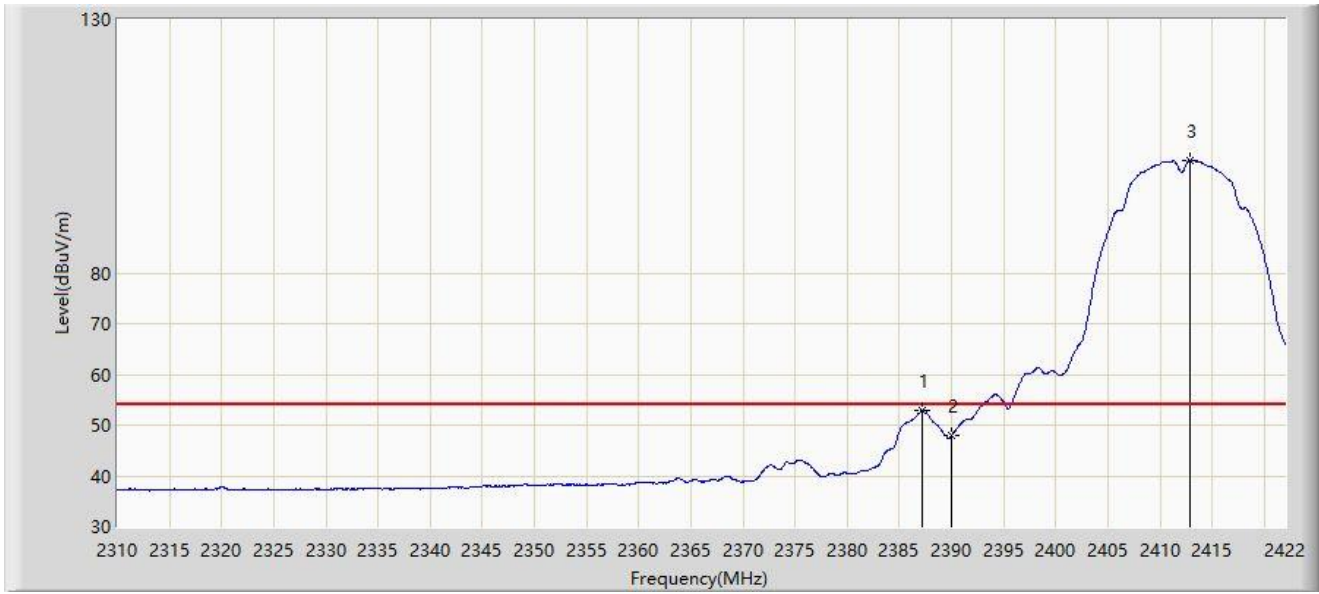
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2387.056 | 61.576 | 29.803 | -12.424 | 74.000 | 31.773 | PK |
| 2 | | 2390.000 | 59.443 | 27.690 | -14.557 | 74.000 | 31.753 | PK |
| 3 | | 2410.520 | 109.348 | 77.639 | N/A | N/A | 31.709 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2412MHz | |



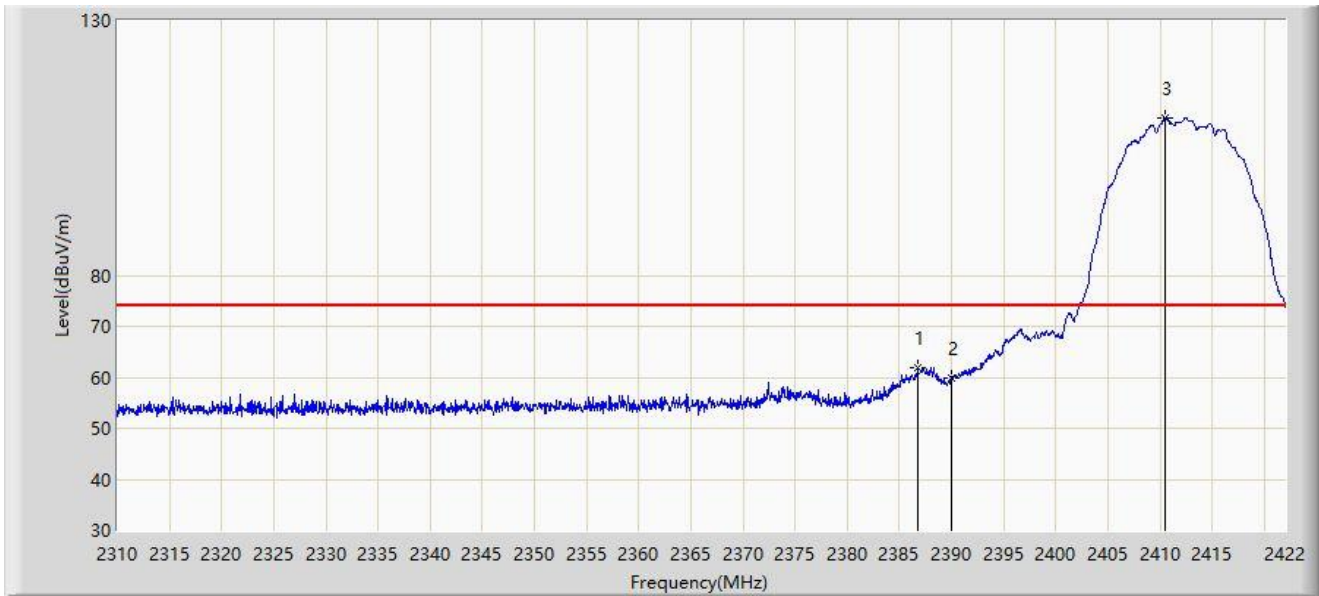
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2387.168 | 52.893 | 21.120 | -1.107 | 54.000 | 31.773 | AV |
| 2 | | 2390.000 | 47.915 | 16.162 | -6.085 | 54.000 | 31.753 | AV |
| 3 | | 2412.872 | 102.247 | 70.543 | N/A | N/A | 31.704 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2412MHz | |



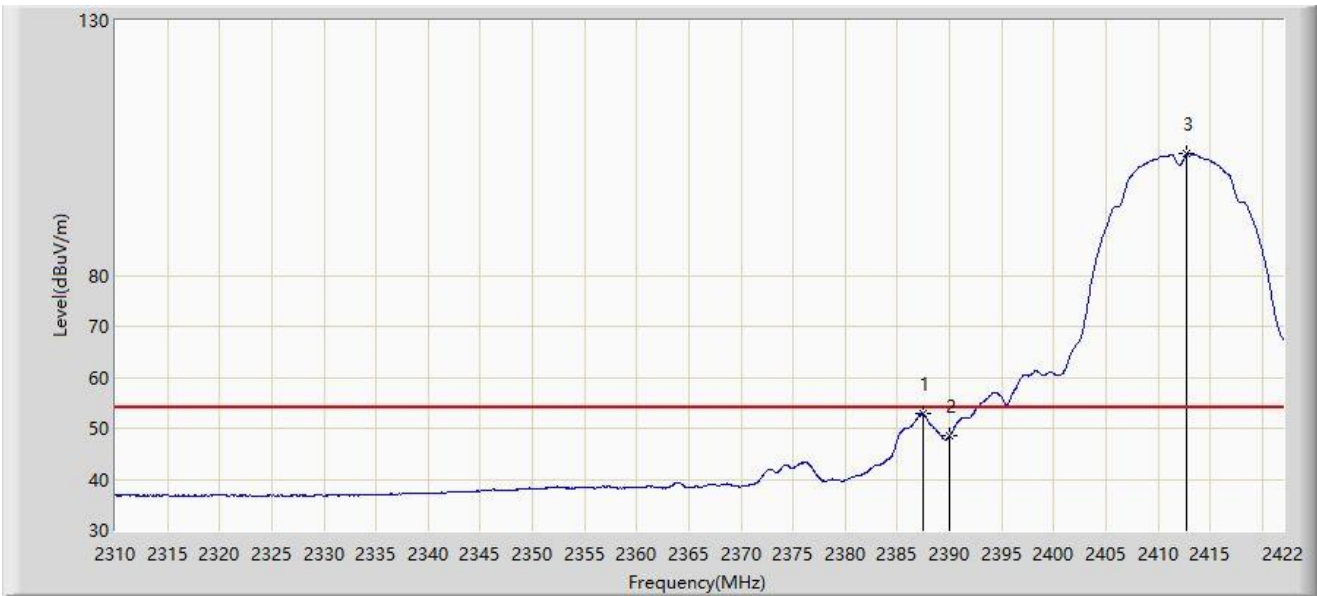
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2386.776 | 61.999 | 30.224 | -12.001 | 74.000 | 31.775 | PK |
| 2 | | 2390.000 | 59.977 | 28.224 | -14.023 | 74.000 | 31.753 | PK |
| 3 | | 2410.464 | 110.905 | 79.196 | N/A | N/A | 31.709 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2412MHz | |



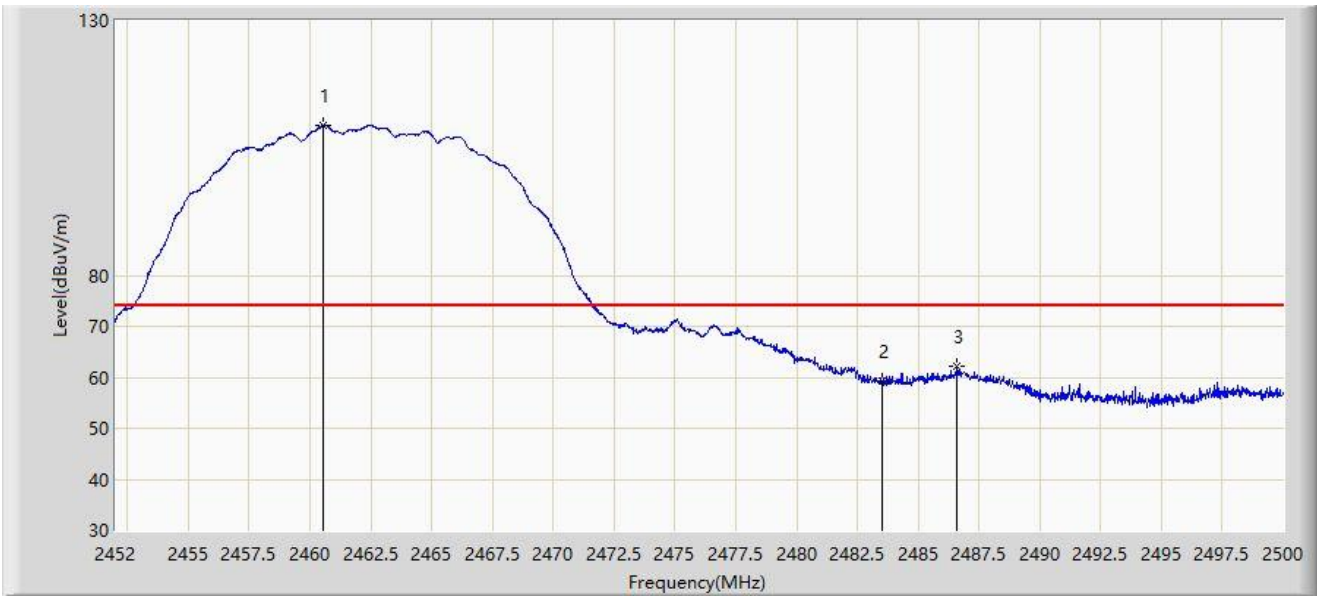
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2387.448 | 52.774 | 21.003 | -1.226 | 54.000 | 31.771 | AV |
| 2 | | 2390.000 | 48.460 | 16.707 | -5.540 | 54.000 | 31.753 | AV |
| 3 | | 2412.760 | 103.799 | 72.095 | N/A | N/A | 31.704 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2462MHz | |



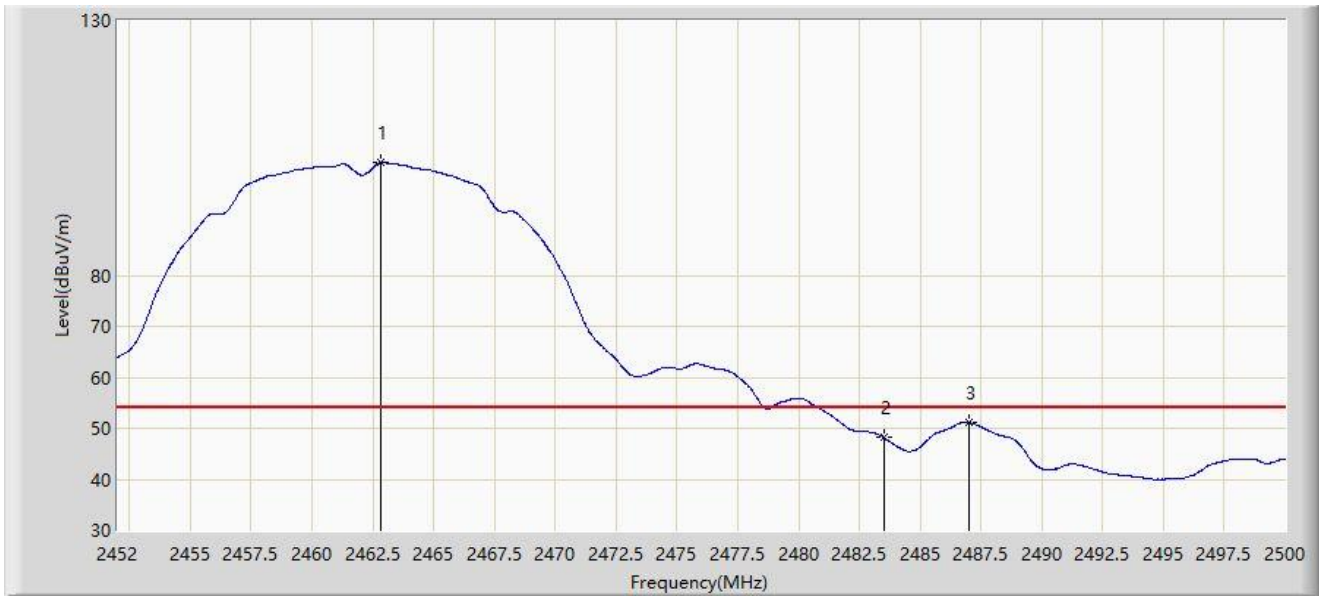
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2460.568 | 109.402 | 77.638 | N/A | N/A | 31.764 | PK |
| 2 | | 2483.500 | 59.228 | 27.463 | -14.772 | 74.000 | 31.765 | PK |
| 3 | * | 2486.608 | 62.231 | 30.440 | -11.769 | 74.000 | 31.791 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2462MHz | |



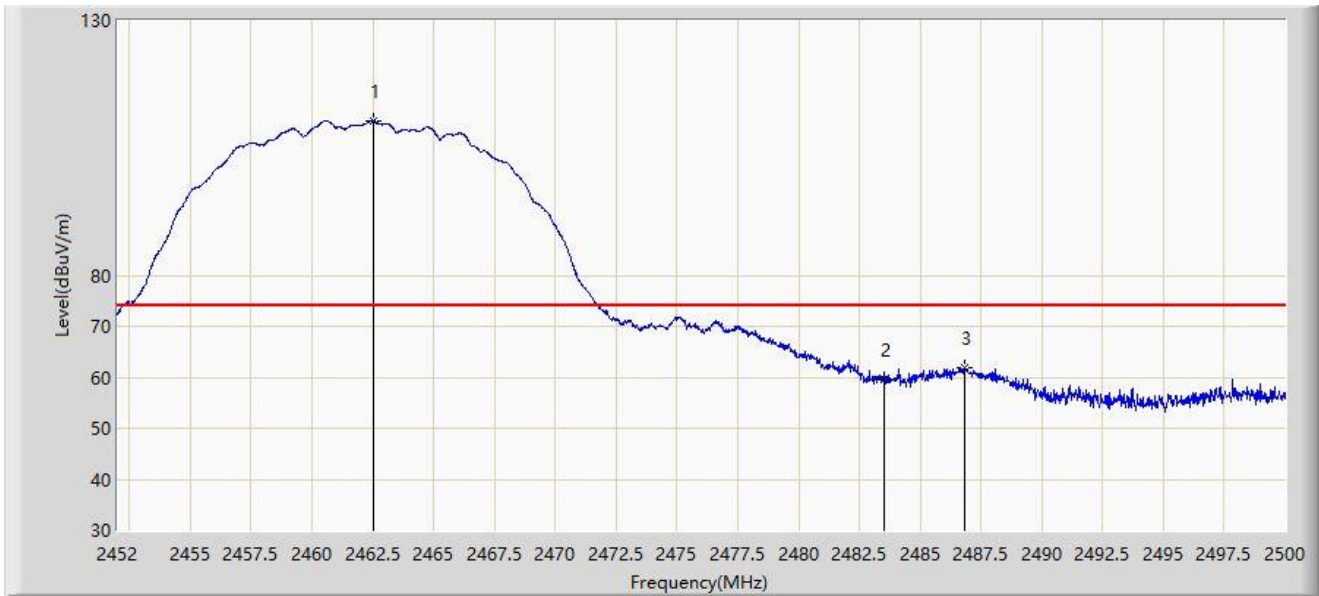
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2462.848 | 102.102 | 70.328 | N/A | N/A | 31.774 | AV |
| 2 | | 2483.500 | 48.191 | 16.426 | -5.809 | 54.000 | 31.765 | AV |
| 3 | * | 2486.992 | 51.158 | 19.364 | -2.842 | 54.000 | 31.794 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2462MHz | |



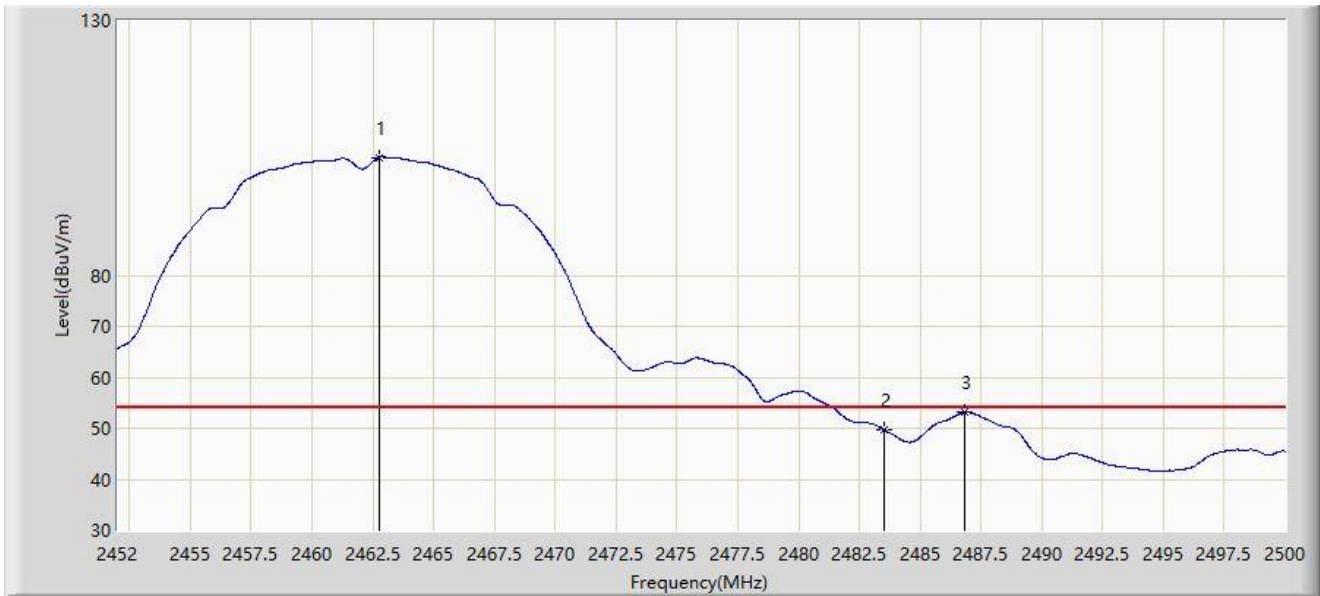
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2462.512 | 110.295 | 78.520 | N/A | N/A | 31.775 | PK |
| 2 | | 2483.500 | 59.659 | 27.894 | -14.341 | 74.000 | 31.765 | PK |
| 3 | * | 2486.800 | 61.853 | 30.061 | -12.147 | 74.000 | 31.792 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11b at 2462MHz | |



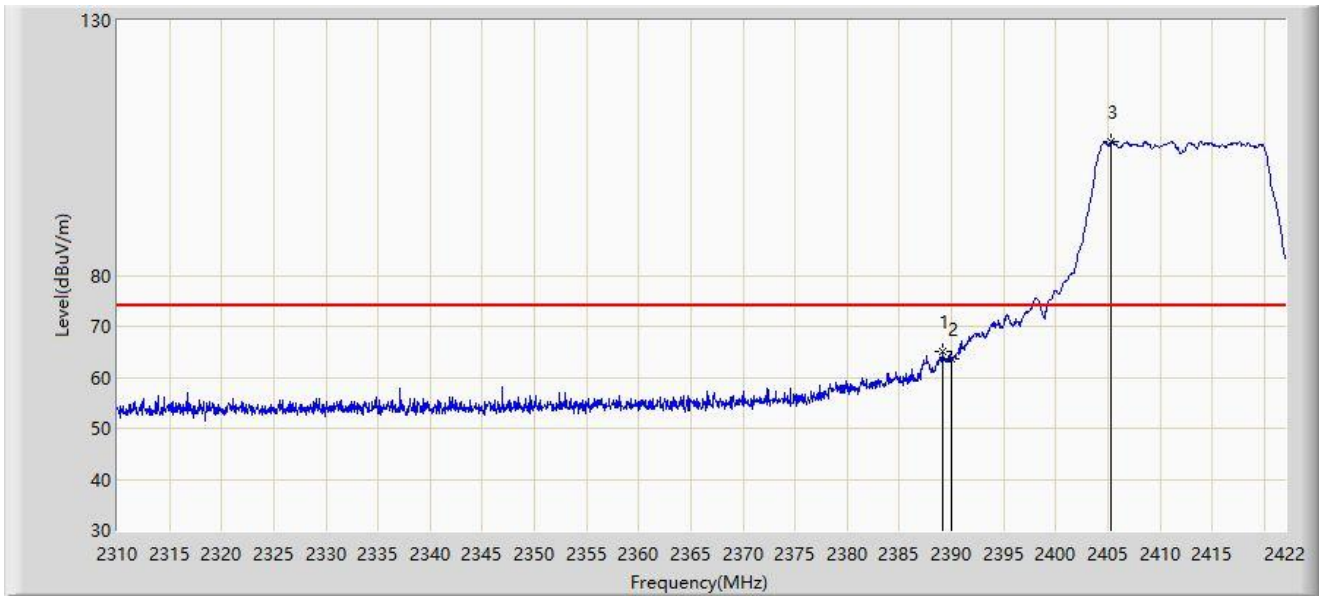
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2462.752 | 103.165 | 71.391 | N/A | N/A | 31.774 | AV |
| 2 | | 2483.500 | 49.765 | 18.000 | -4.235 | 54.000 | 31.765 | AV |
| 3 | * | 2486.824 | 53.166 | 21.373 | -0.834 | 54.000 | 31.792 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2412MHz | |



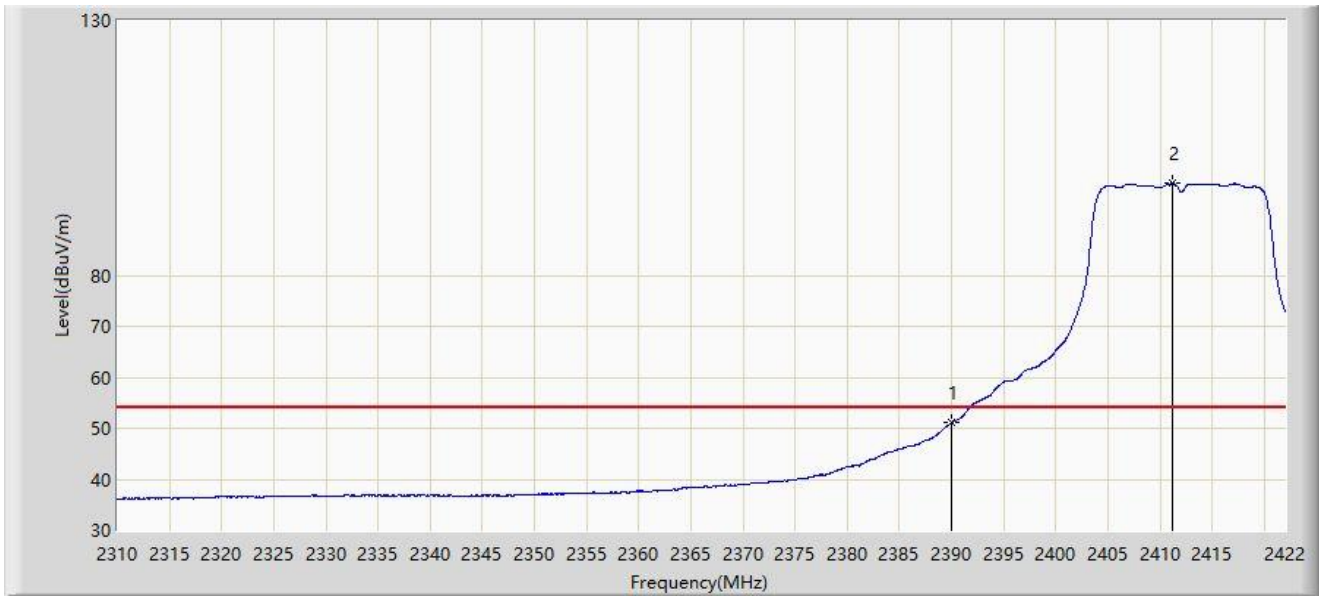
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2389.184 | 65.206 | 33.447 | -8.794 | 74.000 | 31.758 | PK |
| 2 | | 2390.000 | 63.680 | 31.927 | -10.320 | 74.000 | 31.753 | PK |
| 3 | | 2405.368 | 106.326 | 74.612 | N/A | N/A | 31.714 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2412MHz | |



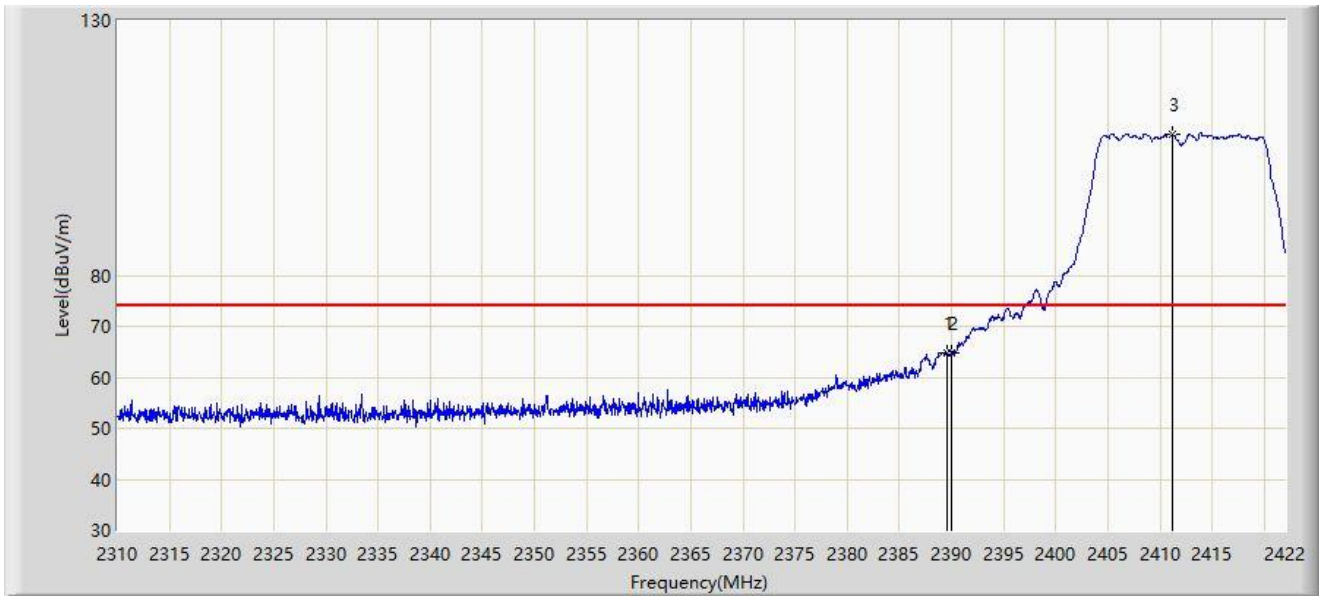
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2390.000 | 51.060 | 19.307 | -2.940 | 54.000 | 31.753 | AV |
| 2 | | 2411.192 | 98.027 | 66.319 | N/A | N/A | 31.708 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2412MHz | |



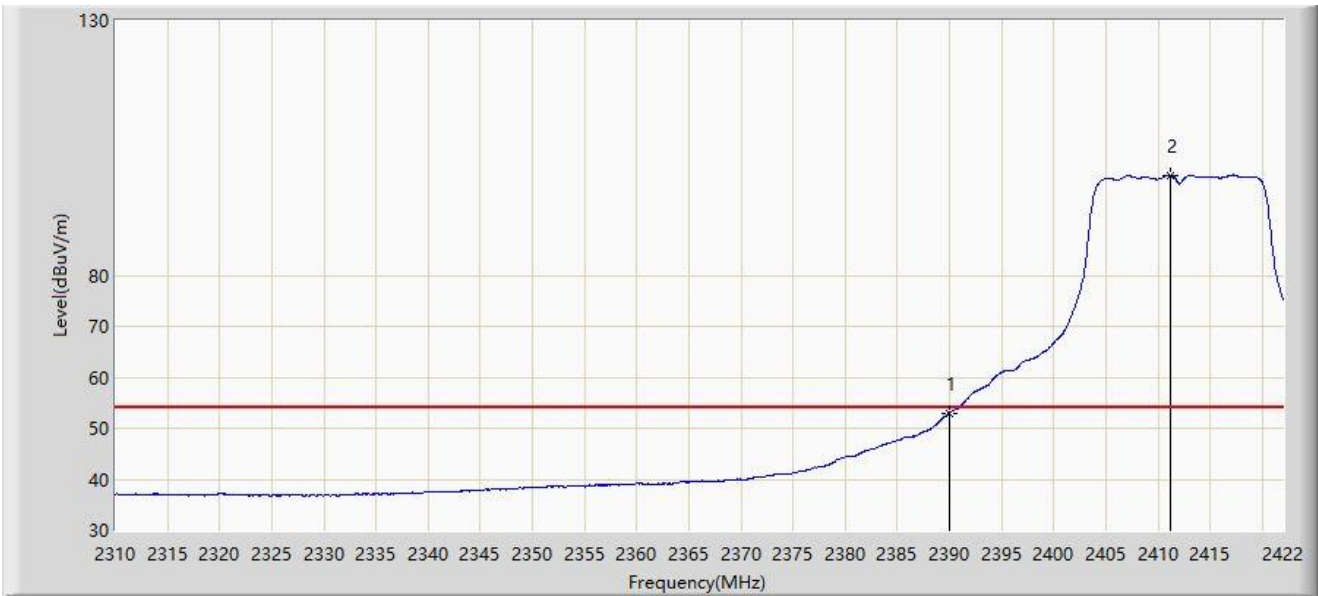
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2389.520 | 64.925 | 33.169 | -9.075 | 74.000 | 31.756 | PK |
| 2 | | 2390.000 | 64.655 | 32.902 | -9.345 | 74.000 | 31.753 | PK |
| 3 | | 2411.136 | 107.815 | 76.107 | N/A | N/A | 31.708 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2412MHz | |



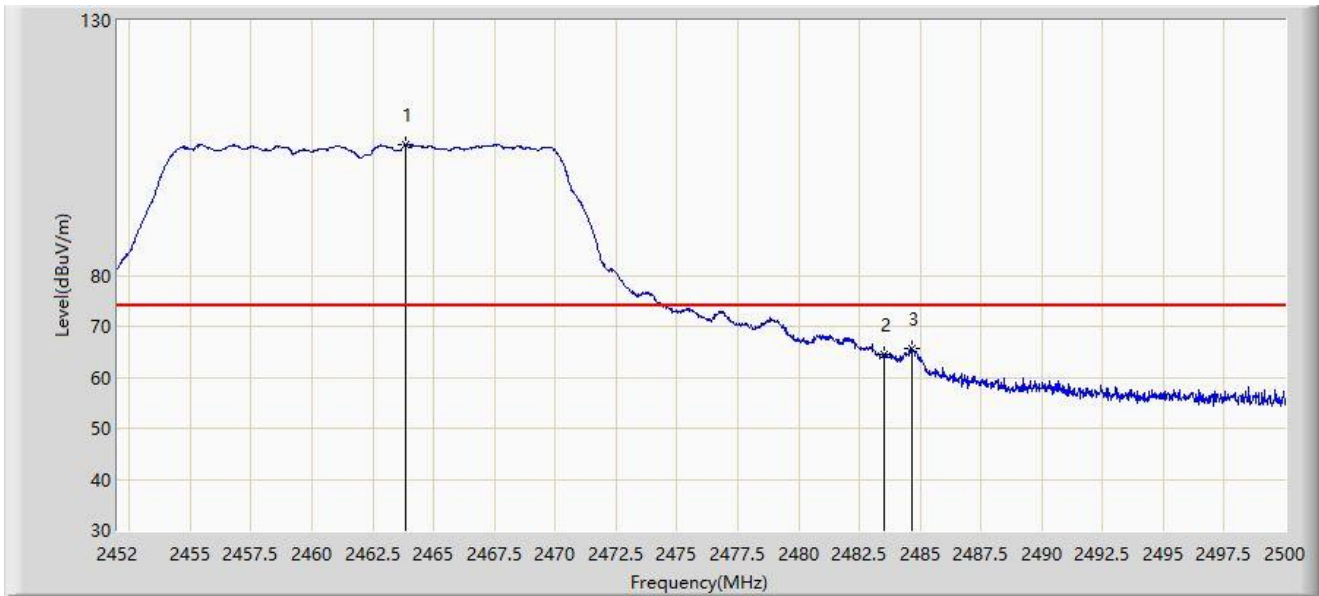
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2390.000 | 53.015 | 21.262 | -0.985 | 54.000 | 31.753 | AV |
| 2 | | 2411.192 | 99.699 | 67.991 | N/A | N/A | 31.708 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2462MHz | |



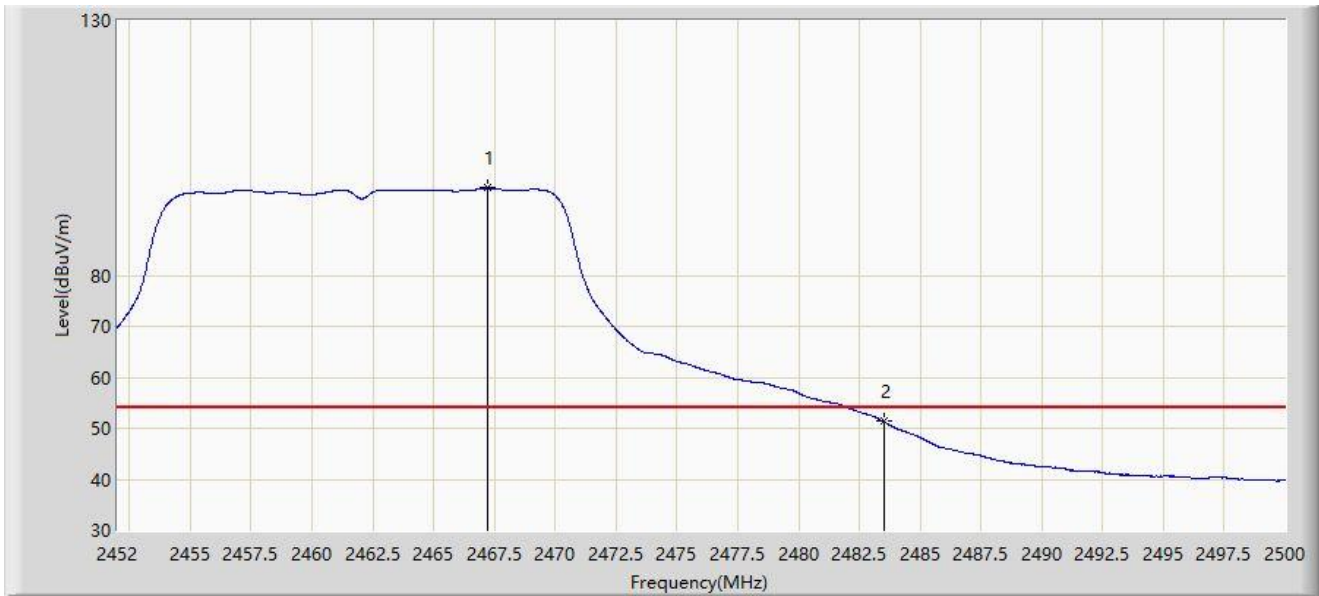
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2463.856 | 105.702 | 73.931 | N/A | N/A | 31.771 | PK |
| 2 | | 2483.500 | 64.405 | 32.640 | -9.595 | 74.000 | 31.765 | PK |
| 3 | * | 2484.664 | 65.639 | 33.864 | -8.361 | 74.000 | 31.775 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2462MHz | |



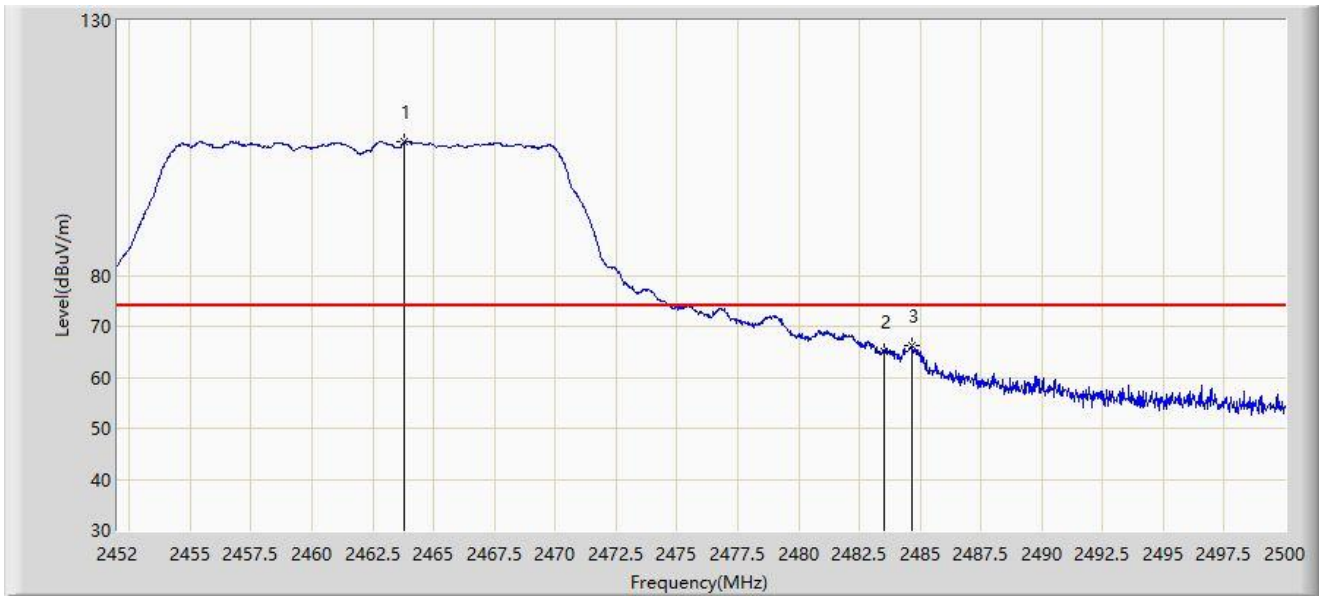
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2467.192 | 97.121 | 65.359 | N/A | N/A | 31.762 | AV |
| 2 | * | 2483.500 | 51.316 | 19.551 | -2.684 | 54.000 | 31.765 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2462MHz | |



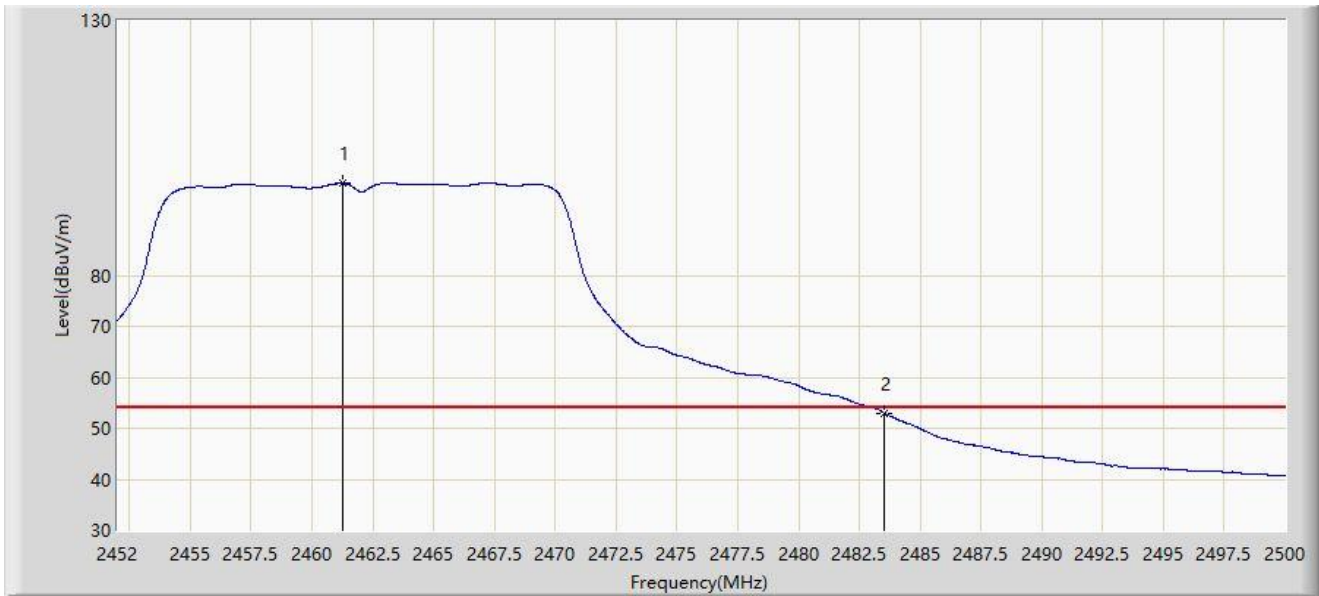
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2463.808 | 106.224 | 74.453 | N/A | N/A | 31.771 | PK |
| 2 | | 2483.500 | 64.958 | 33.193 | -9.042 | 74.000 | 31.765 | PK |
| 3 | * | 2484.664 | 66.173 | 34.398 | -7.827 | 74.000 | 31.775 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|---|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11g at 2462MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | | 2461.240 | 98.038 | 66.268 | N/A | N/A | 31.770 | AV |
| 2 | * | 2483.500 | 53.043 | 21.278 | -0.957 | 54.000 | 31.765 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2412MHz | |



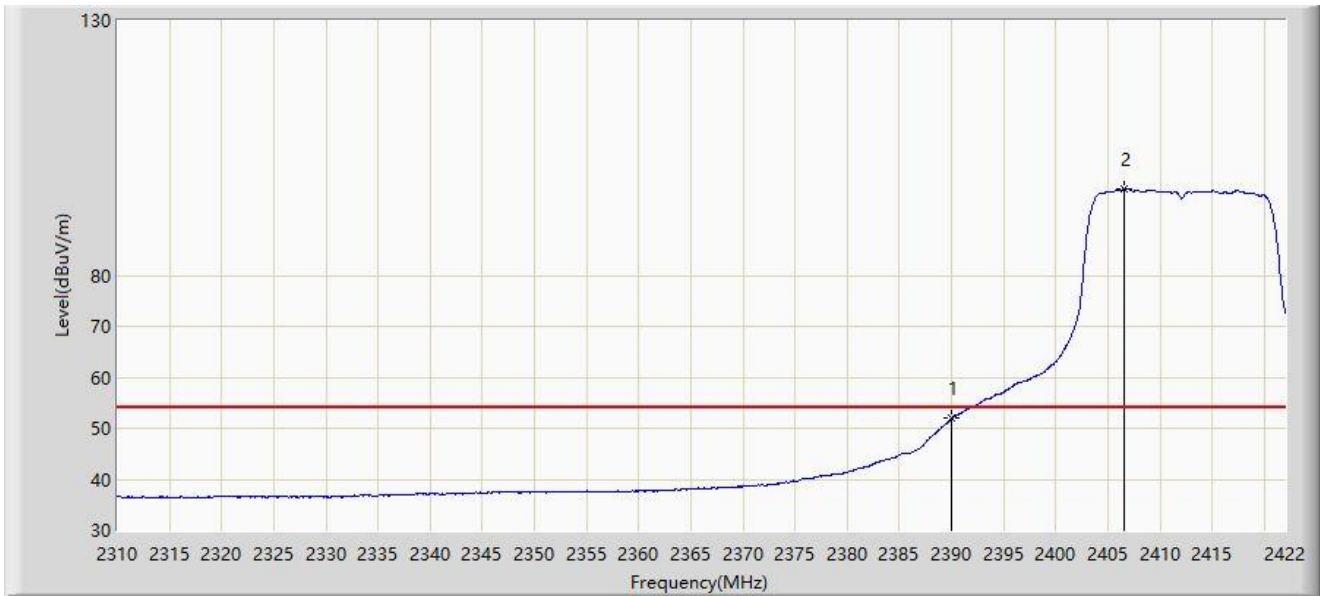
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2389.016 | 67.457 | 35.697 | -6.543 | 74.000 | 31.760 | PK |
| 2 | | 2390.000 | 64.911 | 33.158 | -9.089 | 74.000 | 31.753 | PK |
| 3 | | 2412.984 | 106.160 | 74.456 | N/A | N/A | 31.704 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2412MHz | |



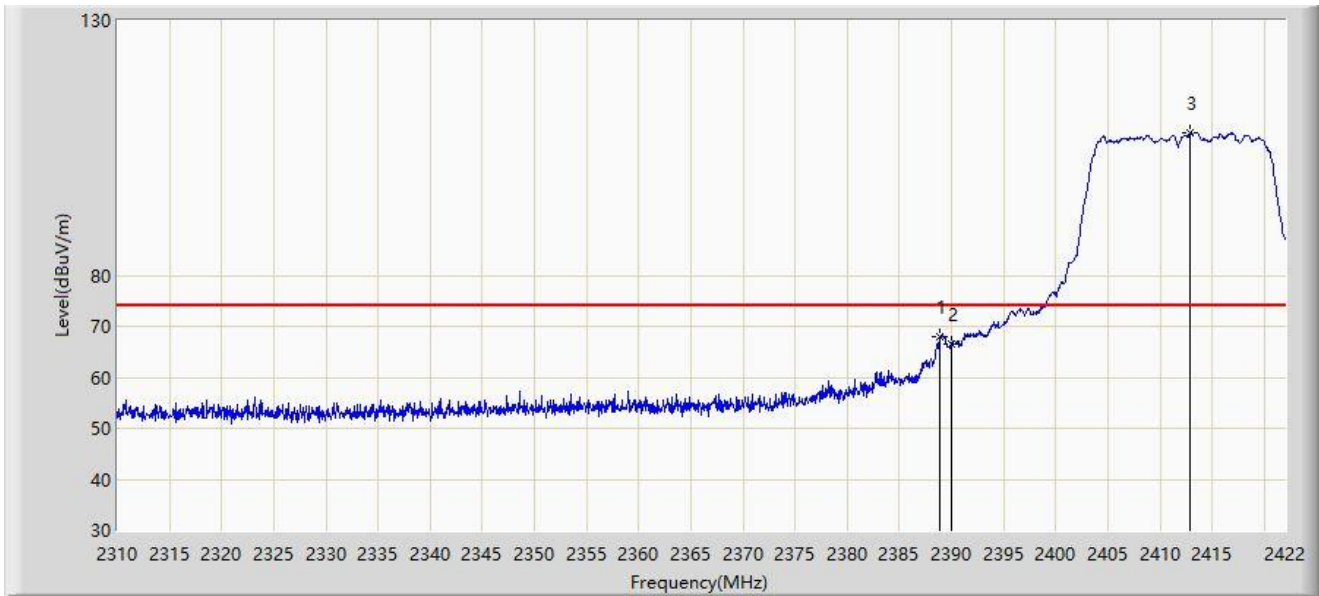
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2390.000 | 51.885 | 20.132 | -2.115 | 54.000 | 31.753 | AV |
| 2 | | 2406.544 | 96.940 | 65.227 | N/A | N/A | 31.713 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2412MHz | |



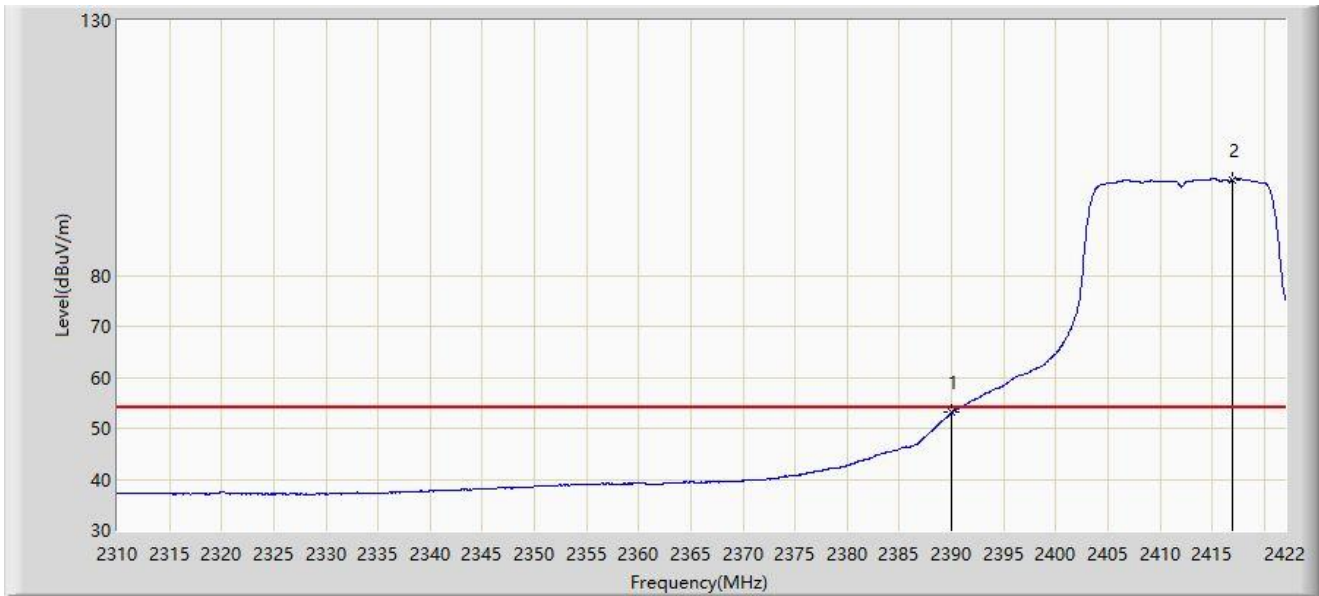
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1 | * | 2388.904 | 68.100 | 36.340 | -5.900 | 74.000 | 31.760 | PK |
| 2 | | 2390.000 | 66.464 | 34.711 | -7.536 | 74.000 | 31.753 | PK |
| 3 | | 2412.928 | 107.844 | 76.140 | N/A | N/A | 31.704 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2412MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2390.000 | 53.073 | 21.320 | -0.927 | 54.000 | 31.753 | AV |
| 2 | | 2417.016 | 98.809 | 67.115 | N/A | N/A | 31.694 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2462MHz | |



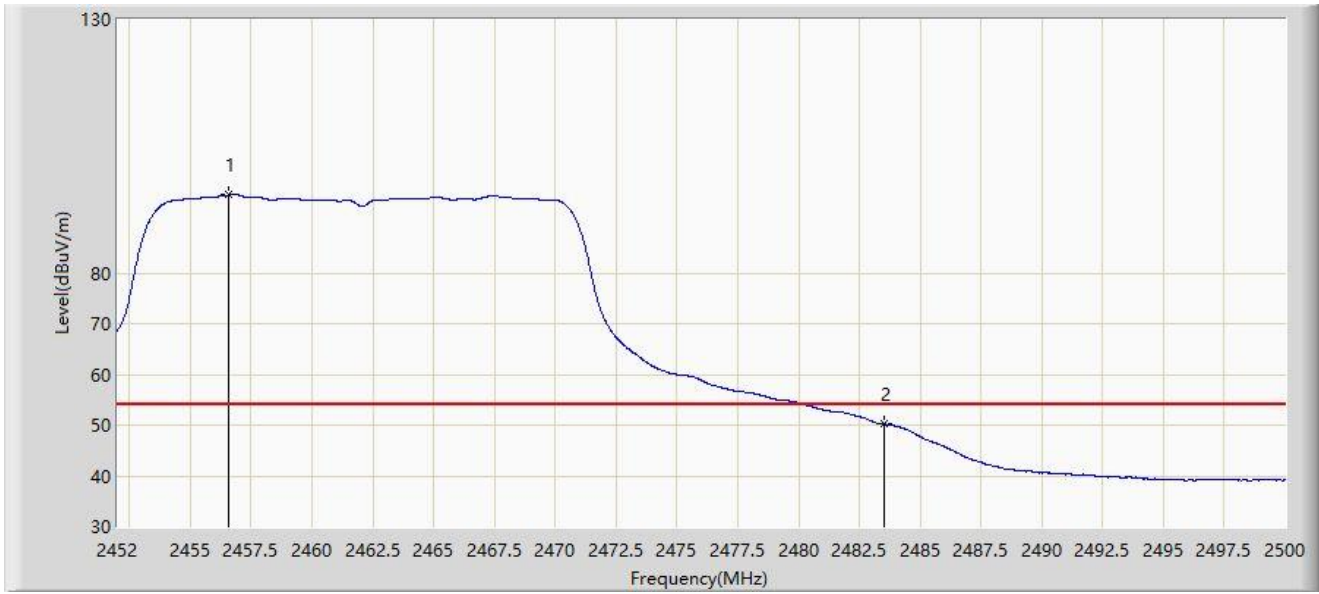
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2454.616 | 105.164 | 73.451 | N/A | N/A | 31.713 | PK |
| 2 | | 2483.500 | 65.556 | 33.791 | -8.444 | 74.000 | 31.765 | PK |
| 3 | * | 2484.400 | 66.286 | 34.513 | -7.714 | 74.000 | 31.773 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2462MHz | |



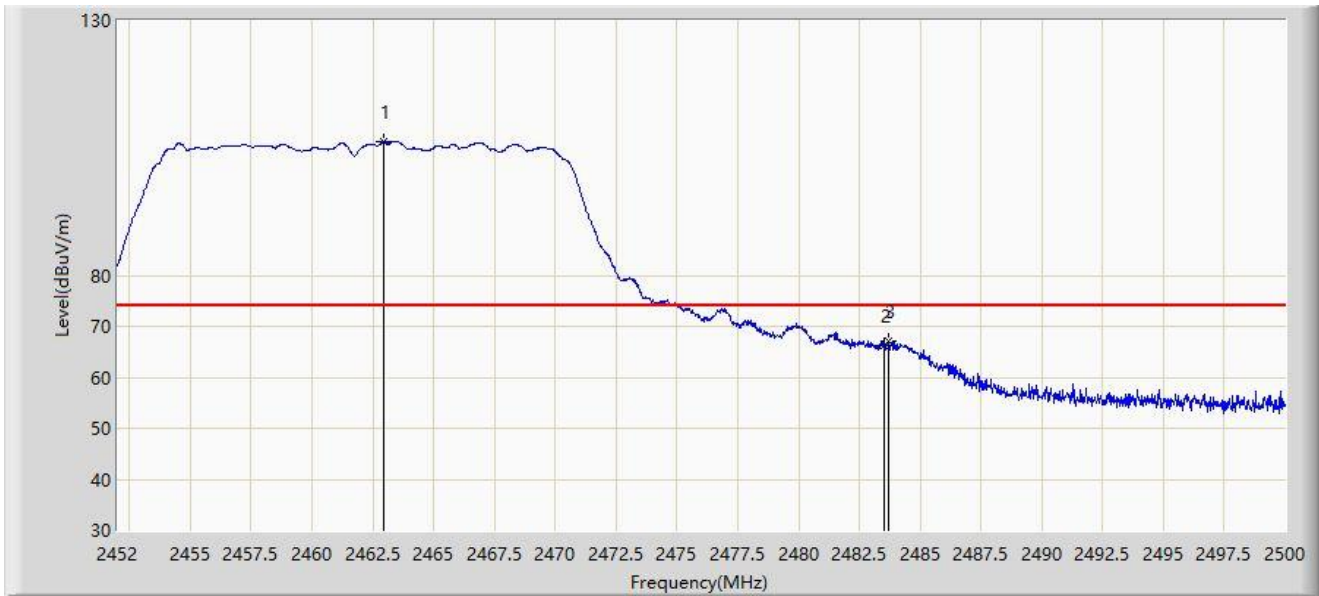
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2456.584 | 95.379 | 63.649 | N/A | N/A | 31.731 | AV |
| 2 | * | 2483.500 | 50.261 | 18.496 | -3.739 | 54.000 | 31.765 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2462MHz | |



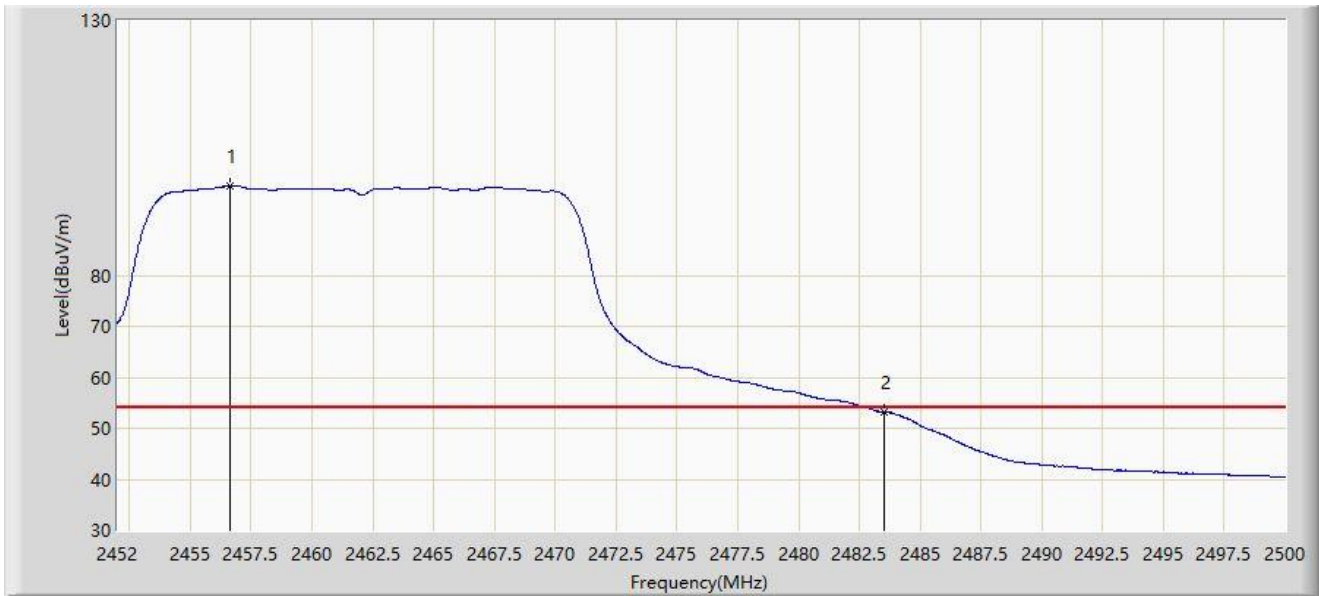
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|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2462.944 | 106.249 | 74.475 | N/A | N/A | 31.774 | PK |
| 2 | | 2483.500 | 66.277 | 34.512 | -7.723 | 74.000 | 31.765 | PK |
| 3 | * | 2483.680 | 67.212 | 35.445 | -6.788 | 74.000 | 31.767 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT20 at 2462MHz | |



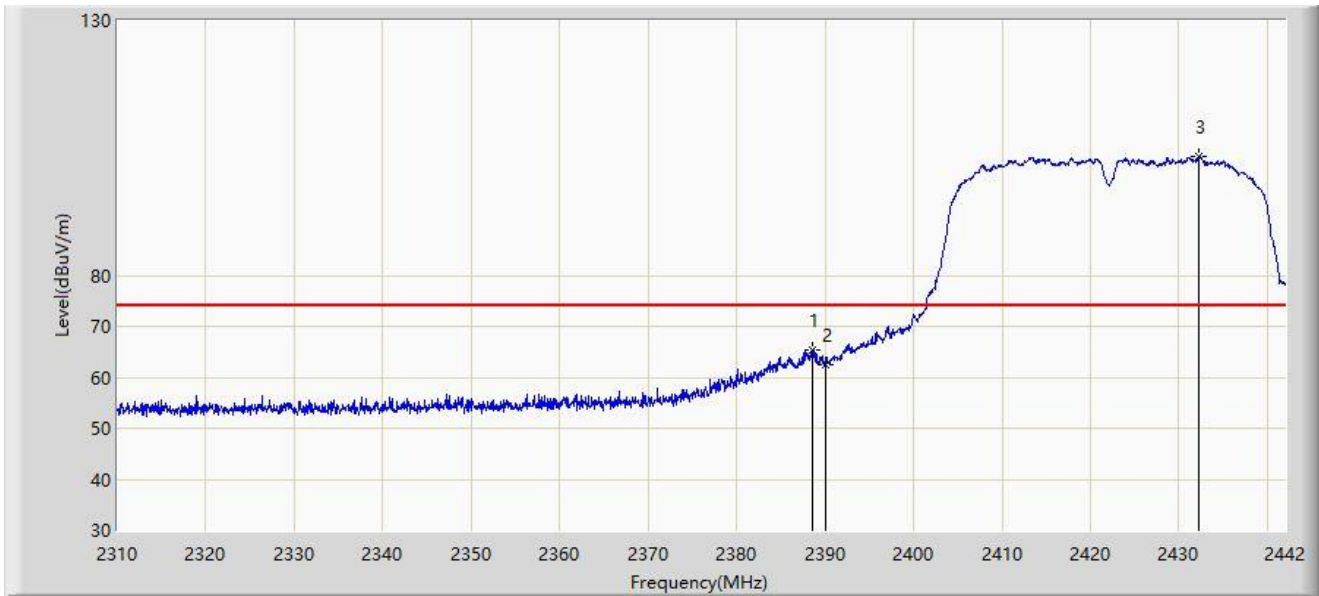
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|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2456.656 | 97.551 | 65.820 | N/A | N/A | 31.731 | AV |
| 2 | * | 2483.500 | 53.203 | 21.438 | -0.797 | 54.000 | 31.765 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2422MHz | |



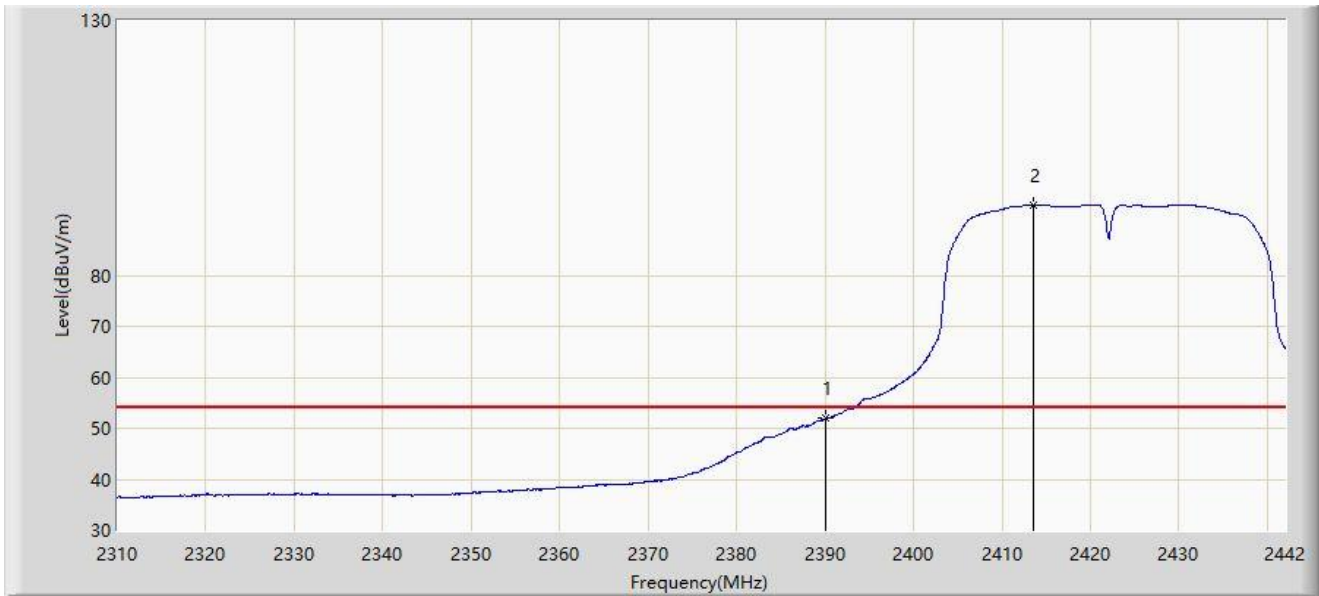
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|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2388.606 | 65.330 | 33.567 | -8.670 | 74.000 | 31.762 | PK |
| 2 | | 2390.000 | 62.587 | 30.834 | -11.413 | 74.000 | 31.753 | PK |
| 3 | | 2432.298 | 103.402 | 71.743 | N/A | N/A | 31.659 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2422MHz | |



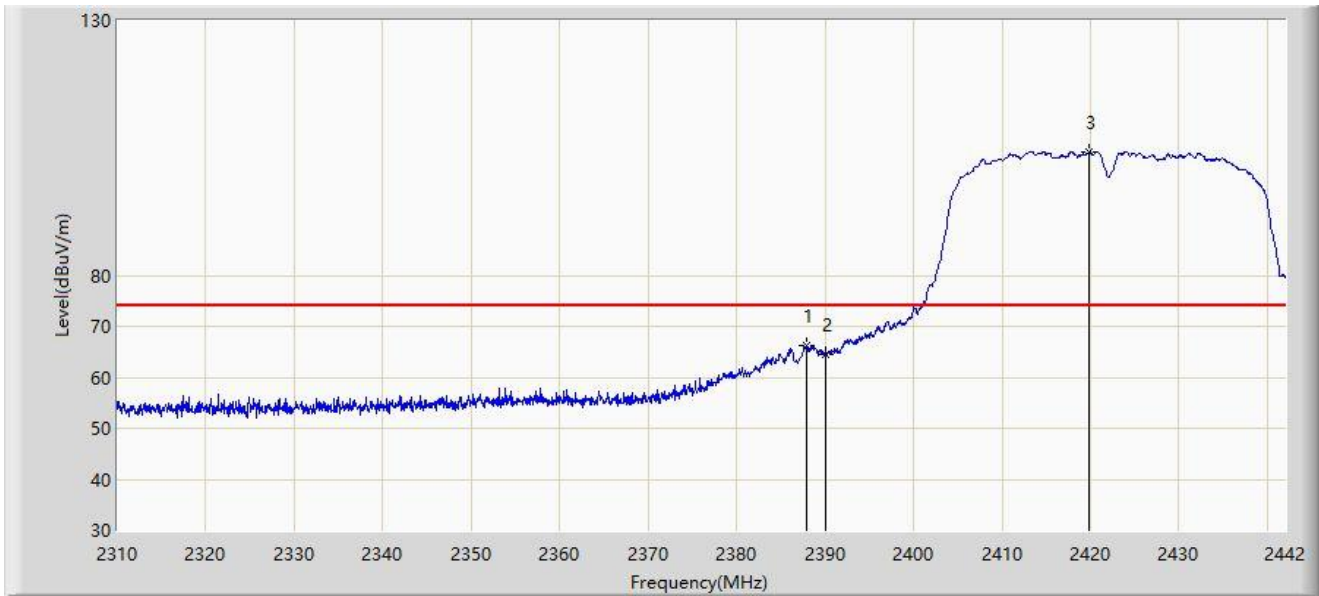
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|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2390.000 | 51.932 | 20.179 | -2.068 | 54.000 | 31.753 | AV |
| 2 | | 2413.620 | 93.747 | 62.045 | N/A | N/A | 31.703 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2422MHz | |



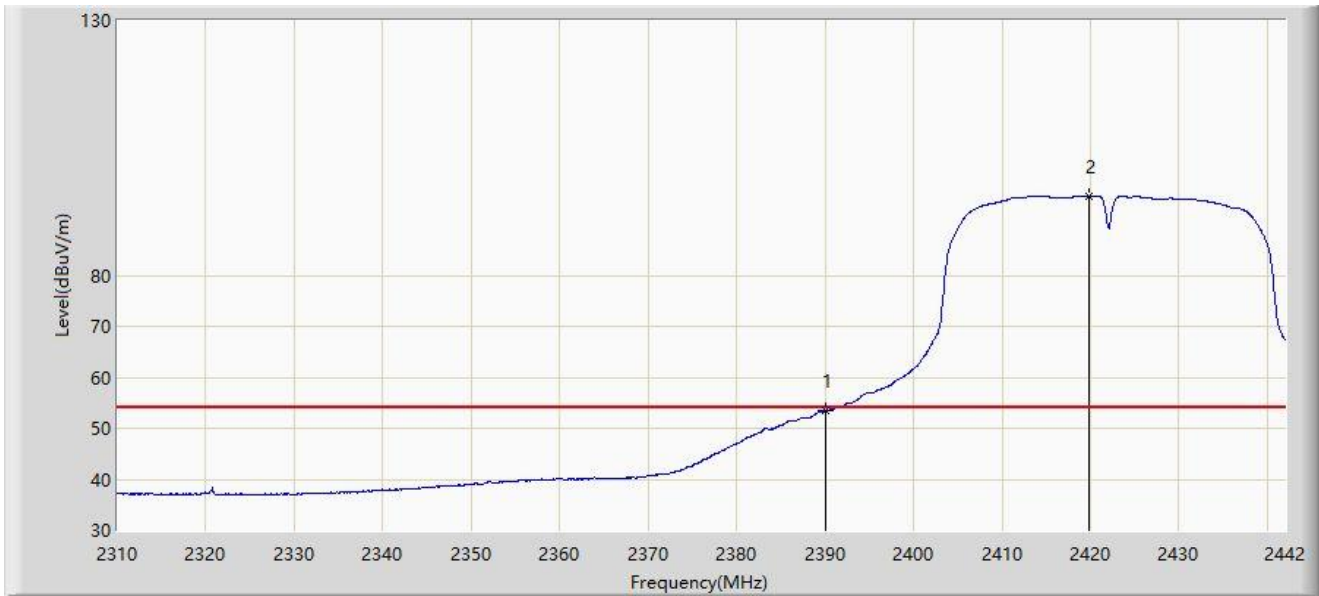
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2387.880 | 66.199 | 34.431 | -7.801 | 74.000 | 31.767 | PK |
| 2 | | 2390.000 | 64.448 | 32.695 | -9.552 | 74.000 | 31.753 | PK |
| 3 | | 2419.824 | 104.228 | 72.540 | N/A | N/A | 31.687 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2422MHz | |



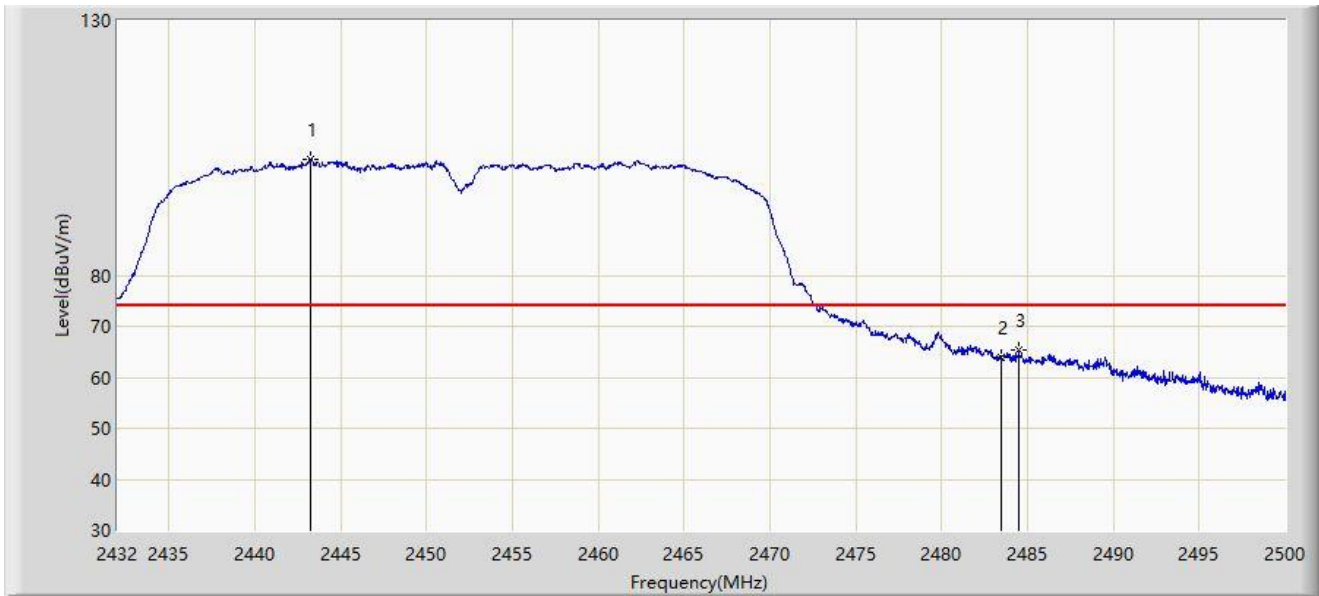
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | * | 2390.000 | 53.452 | 21.699 | -0.548 | 54.000 | 31.753 | AV |
| 2 | | 2419.758 | 95.589 | 63.901 | N/A | N/A | 31.687 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



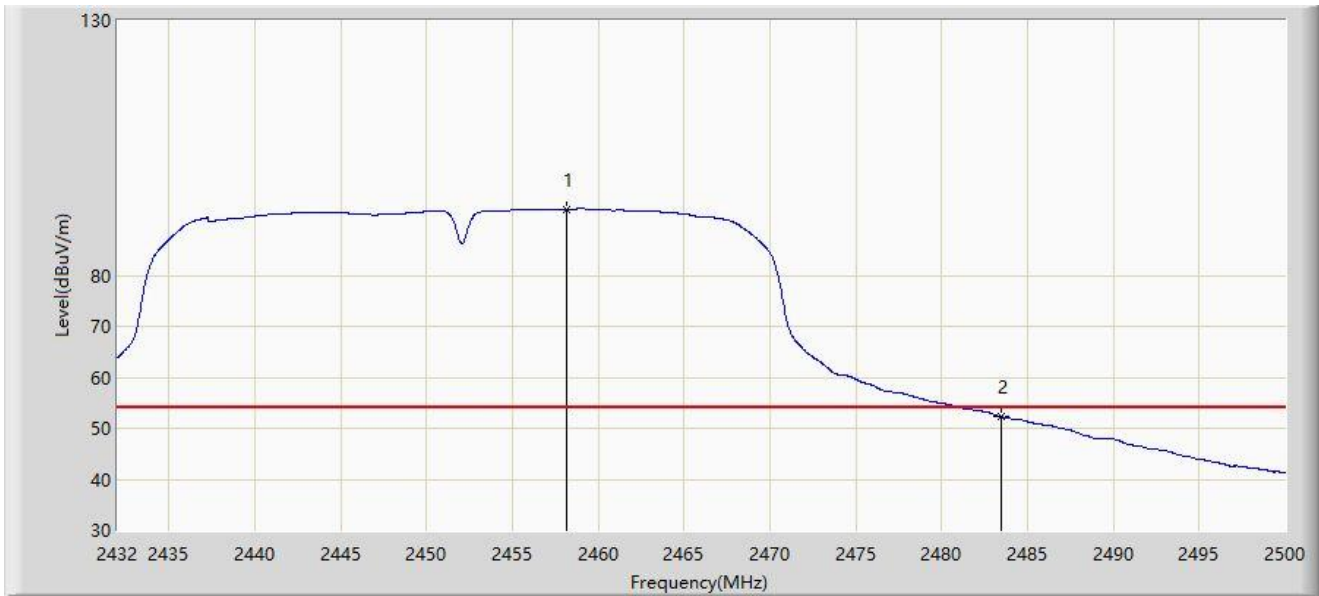
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2443.288 | 102.863 | 71.228 | N/A | N/A | 31.635 | PK |
| 2 | | 2483.500 | 63.803 | 32.038 | -10.197 | 74.000 | 31.765 | PK |
| 3 | * | 2484.496 | 65.441 | 33.668 | -8.559 | 74.000 | 31.774 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Horizontal |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



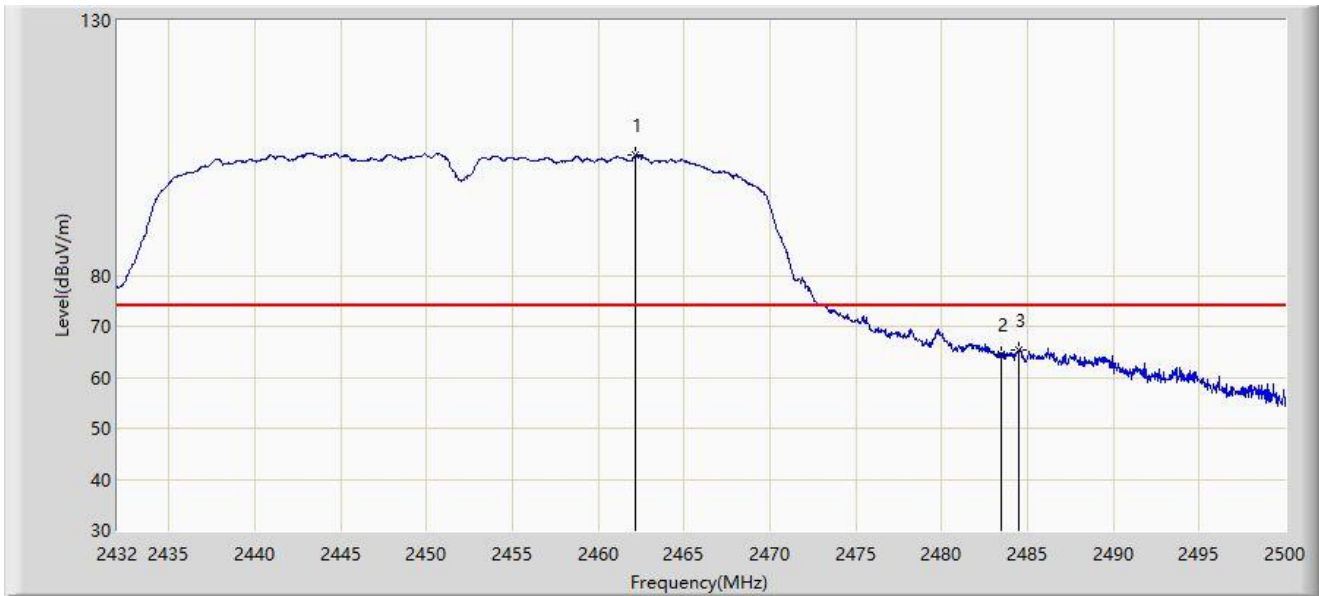
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2458.180 | 92.927 | 61.183 | N/A | N/A | 31.743 | AV |
| 2 | * | 2483.500 | 52.226 | 20.461 | -1.774 | 54.000 | 31.765 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



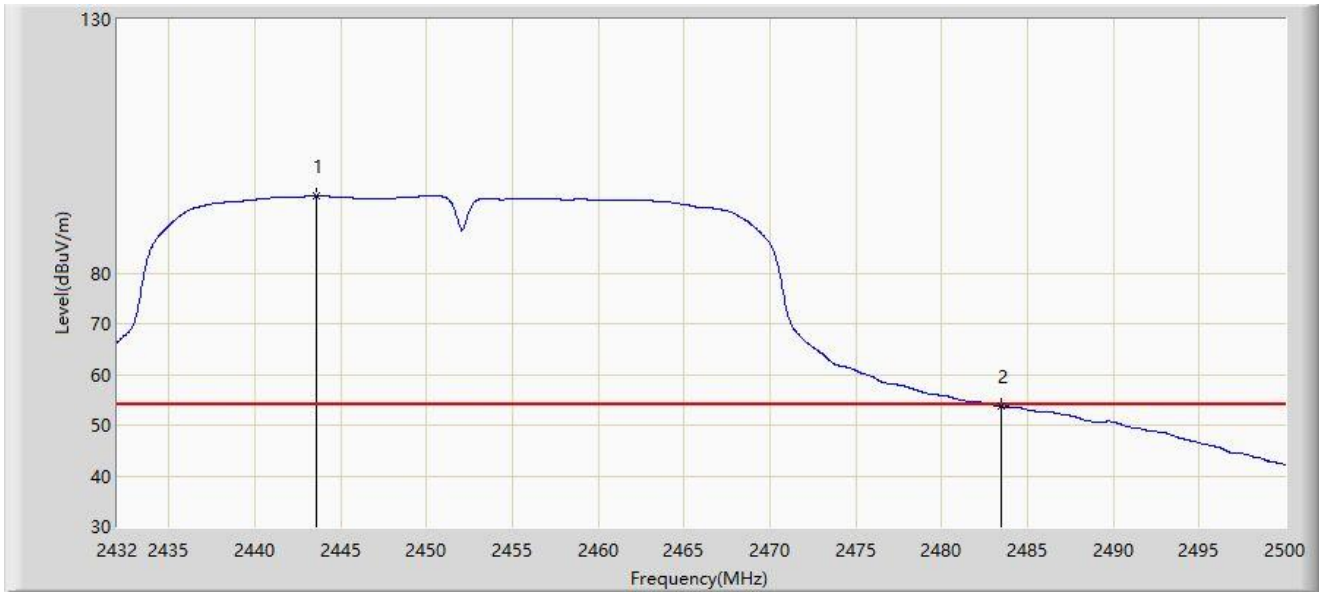
| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2462.192 | 103.480 | 71.704 | N/A | N/A | 31.776 | PK |
| 2 | | 2483.500 | 64.349 | 32.584 | -9.651 | 74.000 | 31.765 | PK |
| 3 | * | 2484.530 | 65.424 | 33.650 | -8.576 | 74.000 | 31.774 | PK |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

| | |
|--|-----------------------|
| Site: SIP-AC2 | Test Date: 2024-01-21 |
| Limit: FCC_2.4G_RE(3m) | Engineer: Arvin Ding |
| Probe: BBHA 9120D_02042_1-18GHz | Polarity: Vertical |
| EUT: Senquip QUAD | Power: DC 12V |
| Test Mode: Transmit by 802.11n-HT40 at 2452MHz | |



| No | Mark | Frequency (MHz) | Measure Level (dB μ V/m) | Reading Level (dB μ V) | Margin (dB) | Limit (dB μ V/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------------|----------------------------|-------------|----------------------|---------------|------|
| 1 | | 2443.594 | 95.124 | 63.489 | N/A | N/A | 31.635 | AV |
| 2 | * | 2483.500 | 53.693 | 21.928 | -0.307 | 54.000 | 31.765 | AV |

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Appendix B – Test Setup Photograph

Refer to “2312RSU083-UT” file.

Appendix C – EUT Photograph

Refer to “2312RSU083-UE” file.

_____ The End _____