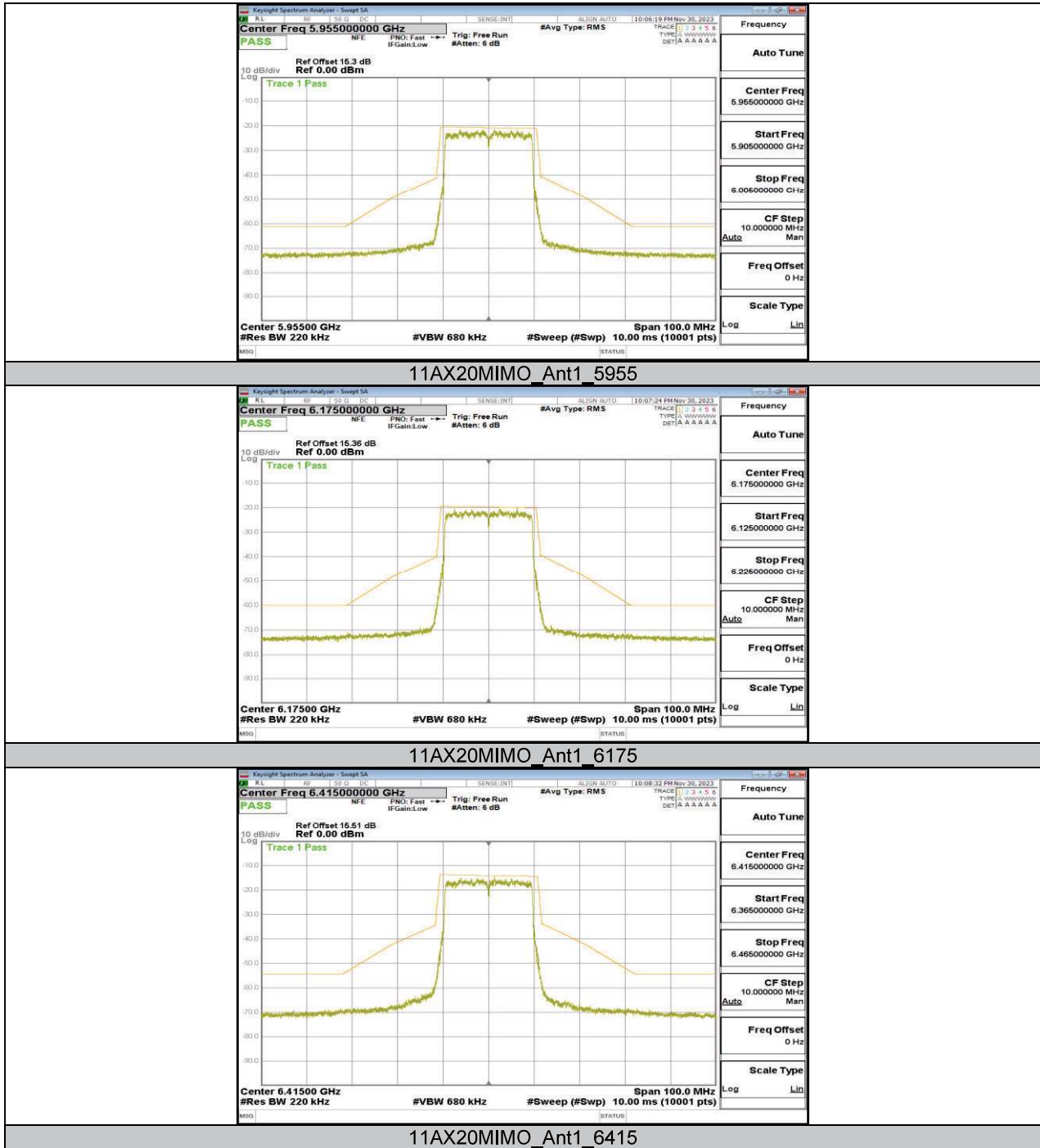


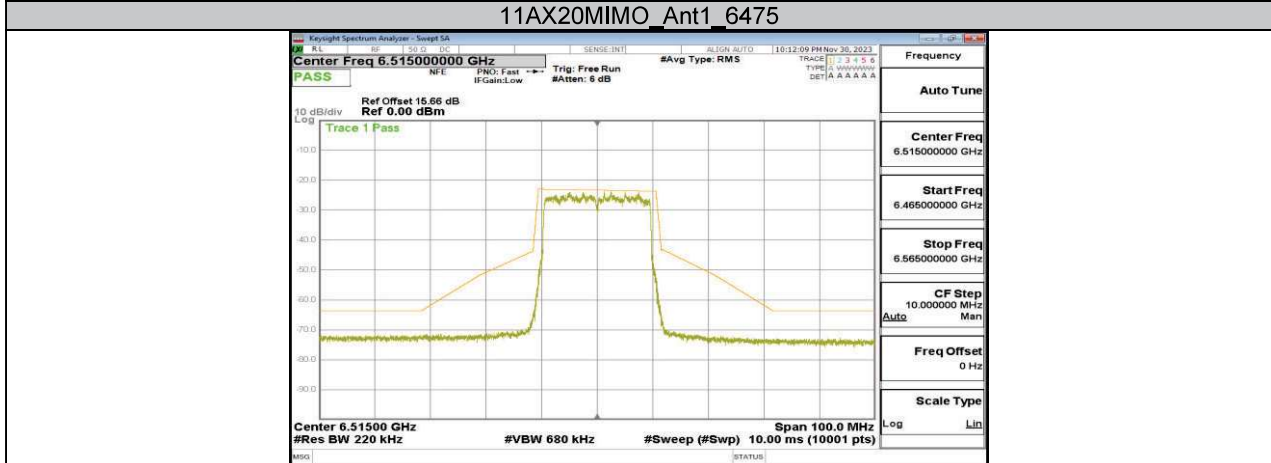
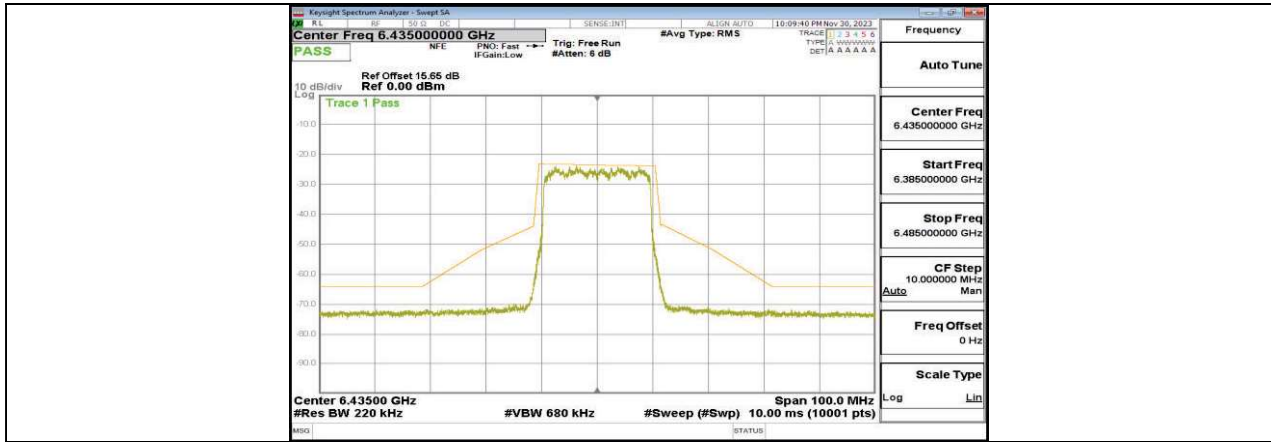
11.6. APPENDIX E: INBAND EMISSIONS

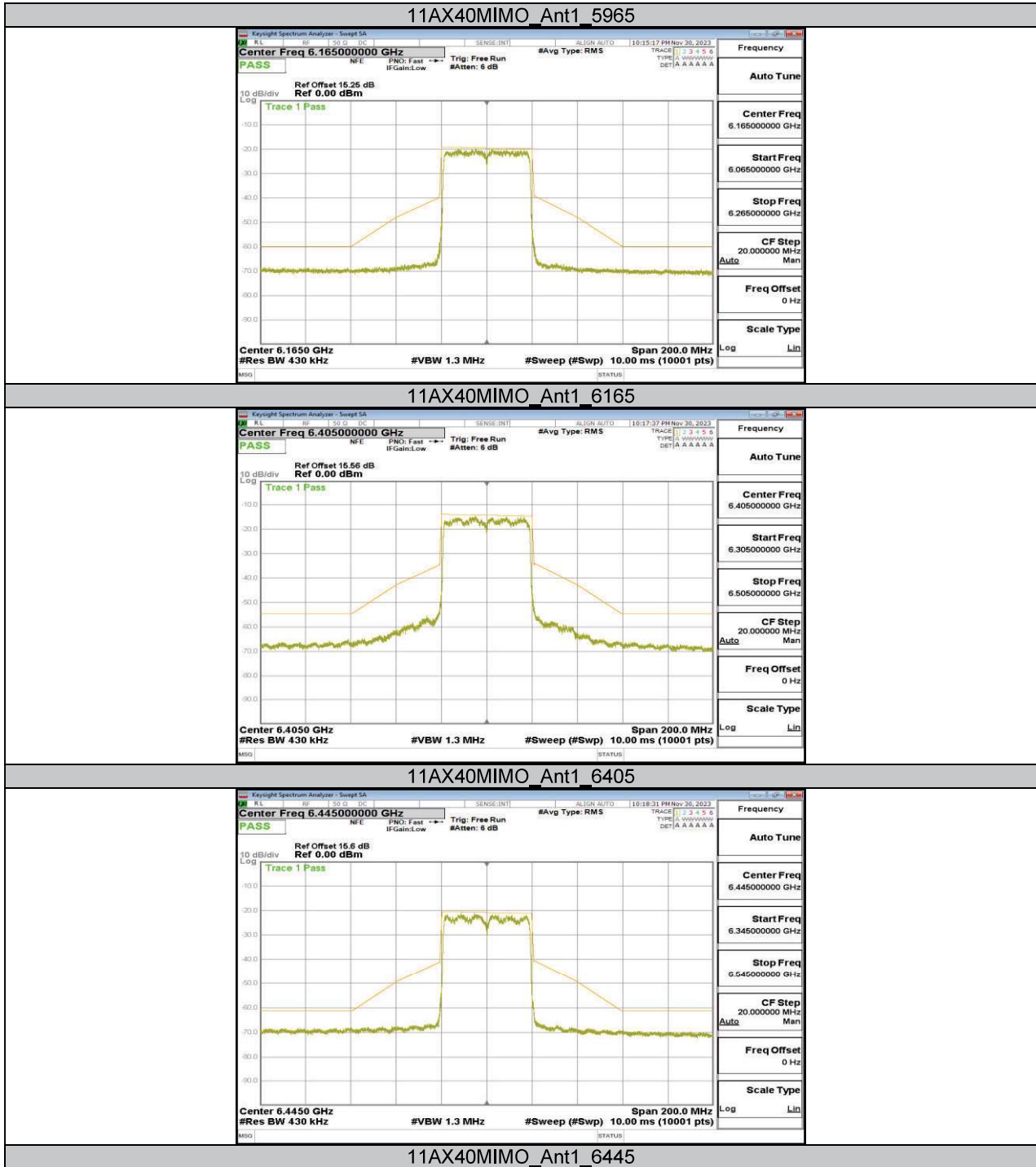
11.6.1. Test Result

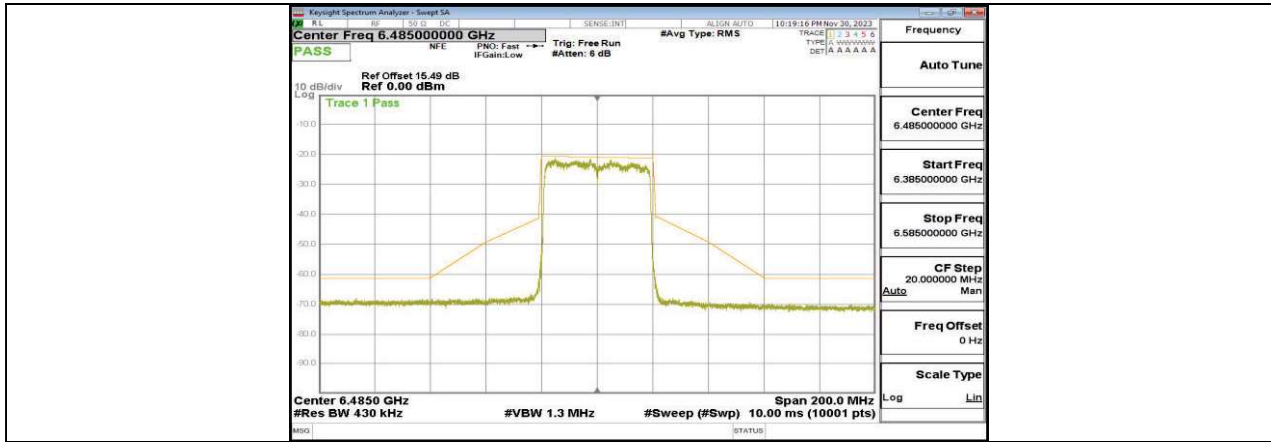
| Test Mode | Antenna | Frequency[MHz] | Result | Limit | Verdict |
|------------|---------|----------------|----------------|----------------|---------|
| 11AX20MIMO | Ant1 | 5955 | See test graph | See test graph | PASS |
| | | 6175 | See test graph | See test graph | PASS |
| | | 6415 | See test graph | See test graph | PASS |
| | | 6435 | See test graph | See test graph | PASS |
| | | 6475 | See test graph | See test graph | PASS |
| 11AX40MIMO | Ant1 | 6515 | See test graph | See test graph | PASS |
| | | 5965 | See test graph | See test graph | PASS |
| | | 6165 | See test graph | See test graph | PASS |
| | | 6405 | See test graph | See test graph | PASS |
| | | 6445 | See test graph | See test graph | PASS |
| 11AX80MIMO | Ant1 | 6485 | See test graph | See test graph | PASS |
| | | 5985 | See test graph | See test graph | PASS |
| | | 6145 | See test graph | See test graph | PASS |
| | | 6385 | See test graph | See test graph | PASS |
| | | 6465 | See test graph | See test graph | PASS |

11.6.2. Test Graphs

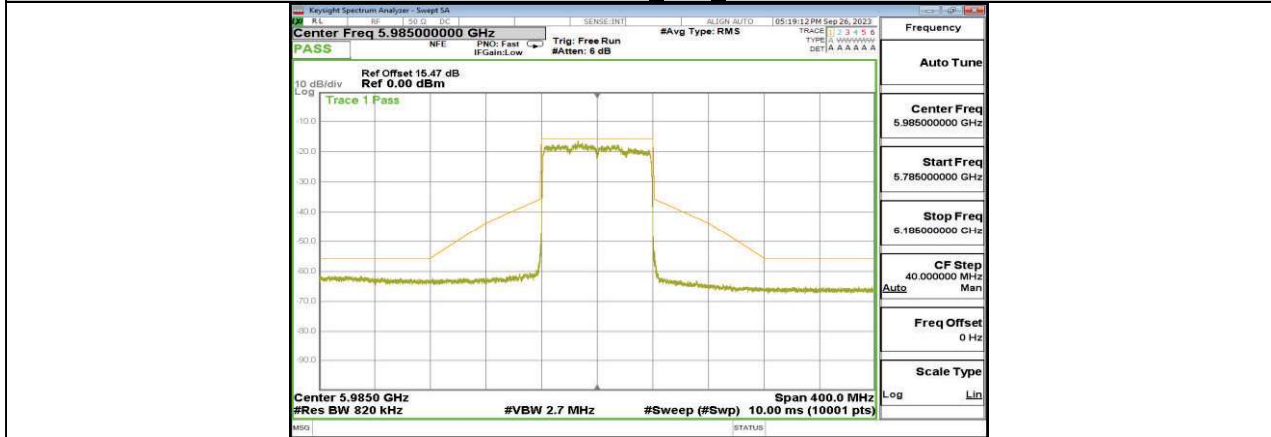




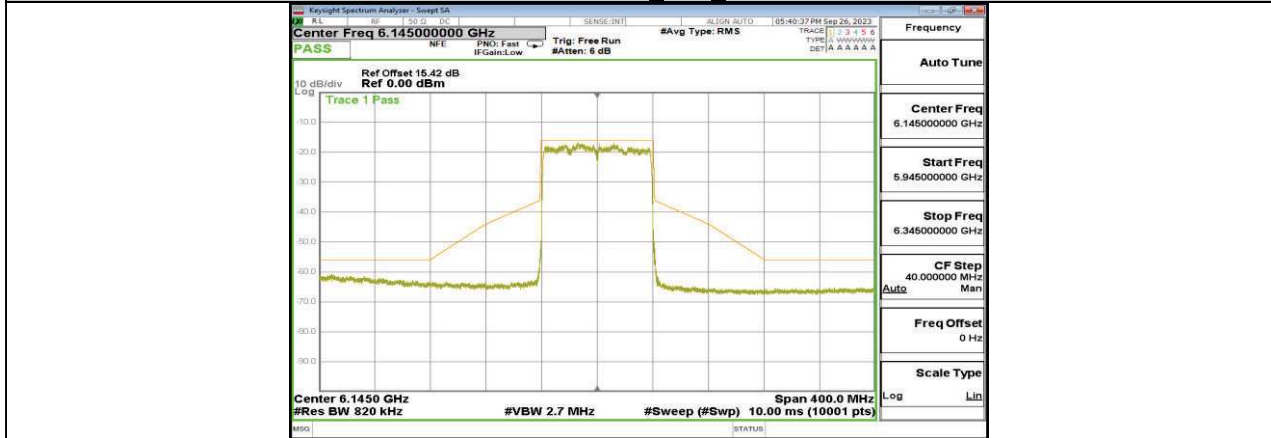




11AX40MIMO Ant1 6485

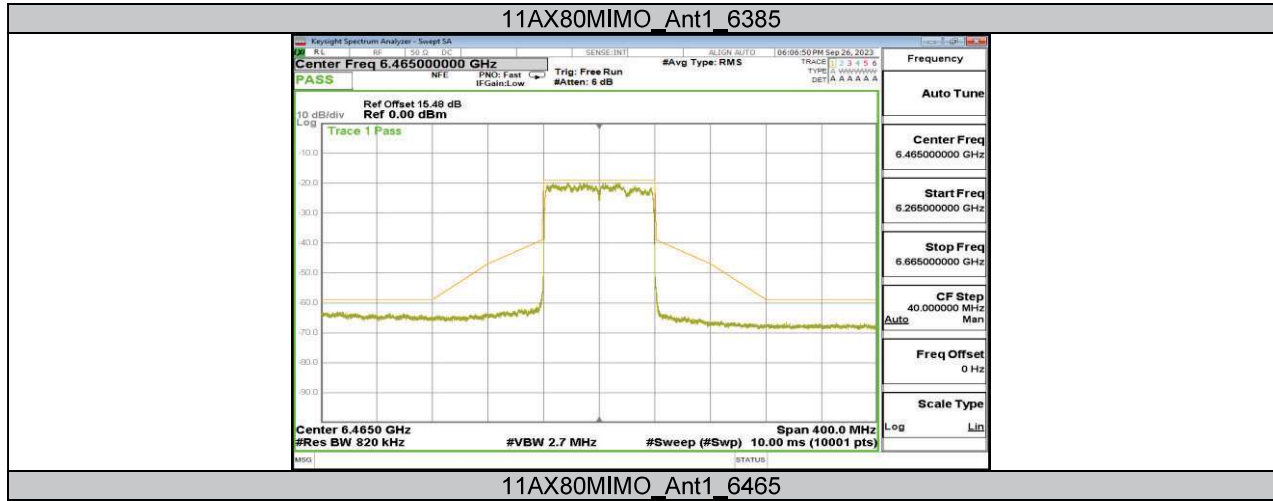


11AX80MIMO Ant1 5985



11AX80MIMO Ant1 6145





11.7. APPENDIX F: CONTENTION BASED PROTOCOL

11.7.1. Test Result

| Test Mode | Antenna | EUT Frequency | AWGN Frequency | Injected AWGN Power | Minimum Antenna Gain | Path Loss | Adjusted Power Result | Limit | UT Tx Status | | |
|-------------|---------|---------------|----------------|---------------------|----------------------|-----------|-----------------------|-------|--------------|-----|---------|
| | | [MHz] | [MHz] | [dBm] | [dBi] | [dB] | [dBm] | [dBm] | (Note1) | | |
| 11AX20-MIMO | Ant1 | 6415 | 6415 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON | | |
| | | | | -65.32 | 2.65 | 2.00 | -65.21 | -62 | Minimal | | |
| | | | | -62.73 | 2.65 | 2.00 | -62.4685 | -62 | OFF | | |
| | | 6475 | 6475 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON | | |
| | | | | -64.89 | 2.65 | 2.00 | -65.44 | -62 | Minimal | | |
| | | | | -62.03 | 2.65 | 2.00 | -62.4485 | -62 | OFF | | |
| 11AX80-MIMO | Ant1 | 6110 | 6110 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON | | |
| | | | | -66.02 | 2.65 | 2.00 | -65.57 | -62 | Minimal | | |
| | | | | -63.01 | 2.65 | 2.00 | -62.3534 | -62 | OFF | | |
| | | | | 6145 | 6145 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON |
| | | | | | | -65.89 | 2.65 | 2.00 | -64.76 | -62 | Minimal |
| | | | | | | -62.51 | 2.65 | 2.00 | -62.4596 | -62 | OFF |
| | | 6180 | 6180 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON | | |
| | | | | -65.42 | 2.65 | 2.00 | -65.85 | -62 | Minimal | | |
| | | | | -62.72 | 2.65 | 2.00 | -62.462 | -62 | OFF | | |
| | | 6430 | 6430 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON | | |
| | | | | -65.22 | 2.65 | 2.00 | -64.53 | -62 | Minimal | | |
| | | | | -62.76 | 2.65 | 2.00 | -62.3948 | -62 | OFF | | |
| | | | | 6465 | 6465 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON |
| | | | | | | -66.01 | 2.65 | 2.00 | -65.68 | -62 | Minimal |
| | | | | | | -63.21 | 2.65 | 2.00 | -62.4405 | -62 | OFF |
| | | 6500 | 6500 | -70.00 | 2.65 | 2.00 | -70.00 | -62 | ON | | |
| | | | | -64.59 | 2.65 | 2.00 | -64.99 | -62 | Minimal | | |
| | | | | -62.77 | 2.65 | 2.00 | -62.1857 | -62 | OFF | | |

Note 1: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 2: Detection Level/Adjusted Power Result = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Note 3: The EUT does not support channel puncturing.

Note 4: The EUT does not support channel bandwidth reduction.

Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

| Test Mode | Antenna | Frequency [MHz] | Interference Frequency [MHz] | | Test Number [n] | Number Detected [n] | Result [%] | Limit [%] | Verdict |
|------------|---------|-----------------|------------------------------|------|-----------------|---------------------|------------|-----------|---------|
| 11AX20MIMO | Ant1 | 6415 | Center | 6415 | 10 | 9 | 90 | 90 | PASS |
| | | 6475 | Center | 6475 | 10 | 10 | 100 | 90 | PASS |

| Test Mode | Antenna | Frequency [MHz] | Interference Frequency [MHz] | | Test Time | Is Detected | Verdict |
|------------|---------|-----------------|------------------------------|------|-----------|-------------|---------|
| 11AX20MIMO | Ant1 | 6415 | Center | 6415 | 1 | Yes | PASS |
| | | | Center | 6415 | 2 | Yes | PASS |
| | | | Center | 6415 | 3 | Yes | PASS |
| | | | Center | 6415 | 4 | Yes | PASS |
| | | | Center | 6415 | 5 | Yes | PASS |
| | | | Center | 6415 | 6 | Yes | PASS |
| | | | Center | 6415 | 7 | Yes | PASS |
| | | | Center | 6415 | 8 | No | Fail |
| | | | Center | 6415 | 9 | Yes | PASS |
| | | | Center | 6415 | 10 | Yes | PASS |
| | | 6475 | Center | 6475 | 1 | Yes | PASS |
| | | | Center | 6475 | 2 | Yes | PASS |
| | | | Center | 6475 | 3 | Yes | PASS |
| | | | Center | 6475 | 4 | Yes | PASS |
| | | | Center | 6475 | 5 | Yes | PASS |
| | | | Center | 6475 | 6 | Yes | PASS |
| | | | Center | 6475 | 7 | Yes | PASS |
| | | | Center | 6475 | 8 | Yes | PASS |
| | | | Center | 6475 | 9 | Yes | PASS |
| | | | Center | 6475 | 10 | Yes | PASS |

Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

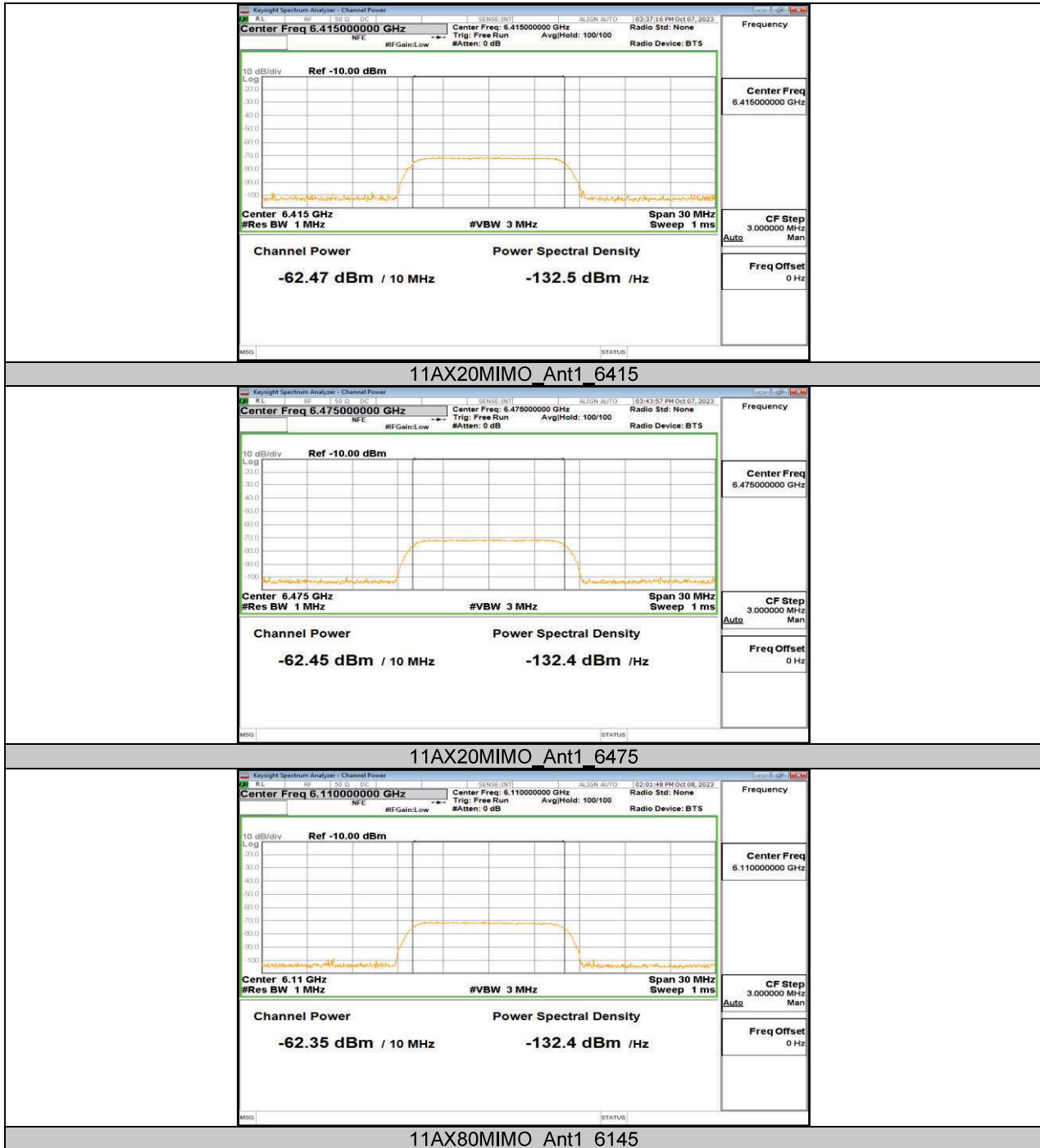
| Test Mode | Antenna | Frequency [MHz] | Interference Frequency [MHz] | Test Number [n] | Number Detected [n] | Result [%] | Limit [%] | Verdict | |
|------------|---------|-----------------|------------------------------|-----------------|---------------------|------------|-----------|---------|------|
| 11AX80MIMO | Ant1 | 6145 | Low | 6110 | 10 | 10 | 100 | 90 | PASS |
| | | | Center | 6145 | 10 | 10 | 100 | 90 | PASS |
| | | | High | 6180 | 10 | 10 | 100 | 90 | PASS |
| | | 6465 | Low | 6430 | 10 | 10 | 100 | 90 | PASS |
| | | | Center | 6465 | 10 | 10 | 100 | 90 | PASS |
| | | | High | 6500 | 10 | 10 | 100 | 90 | PASS |

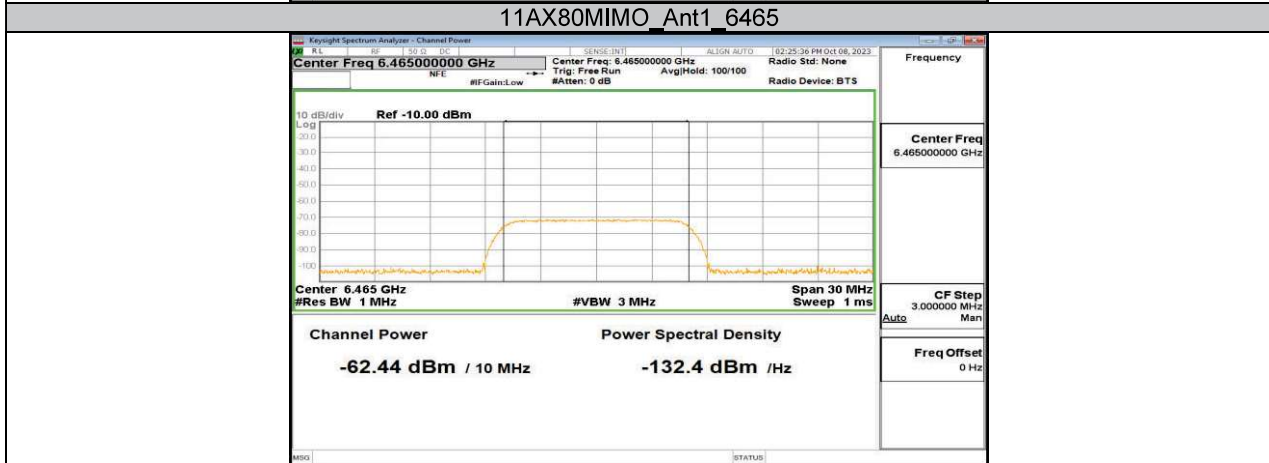
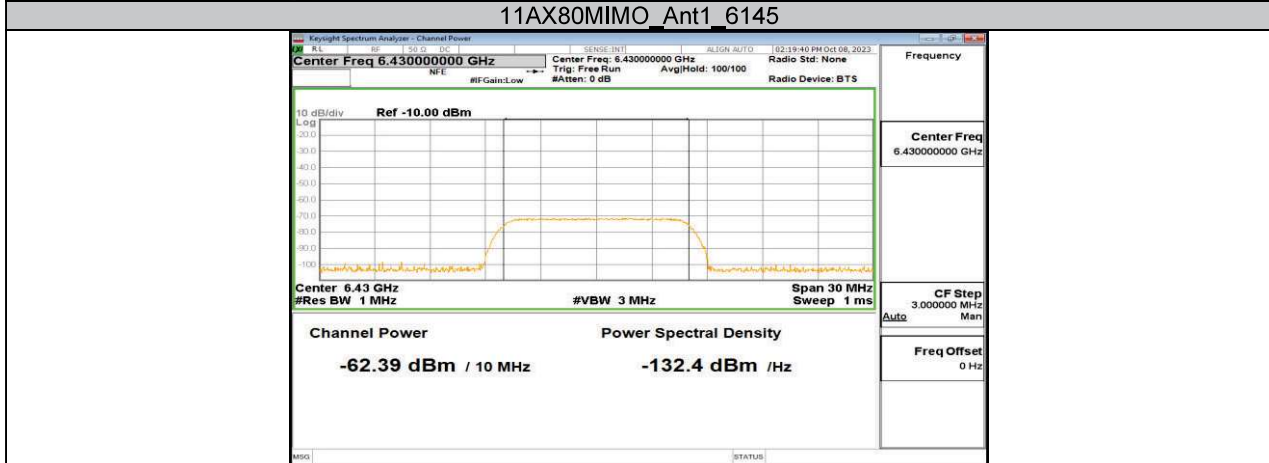
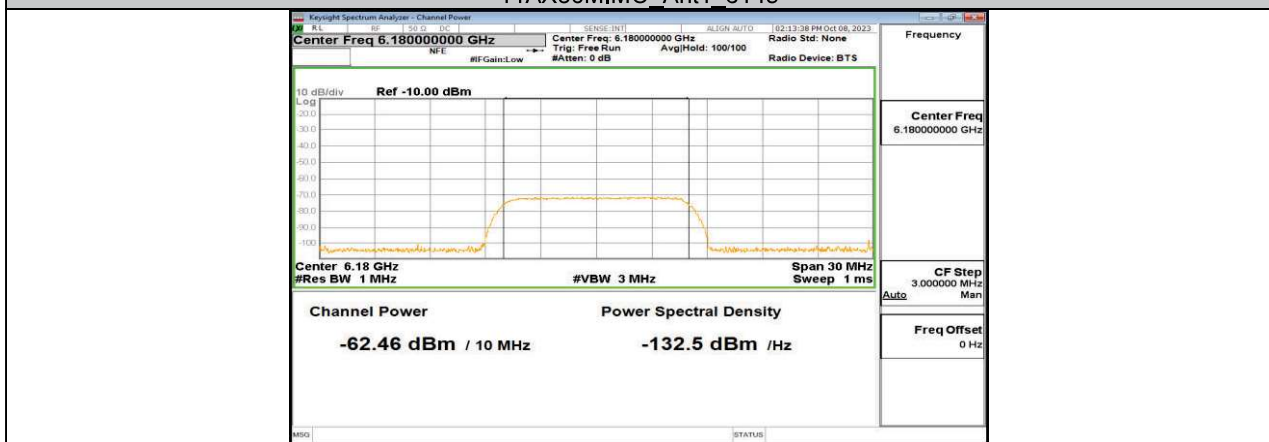
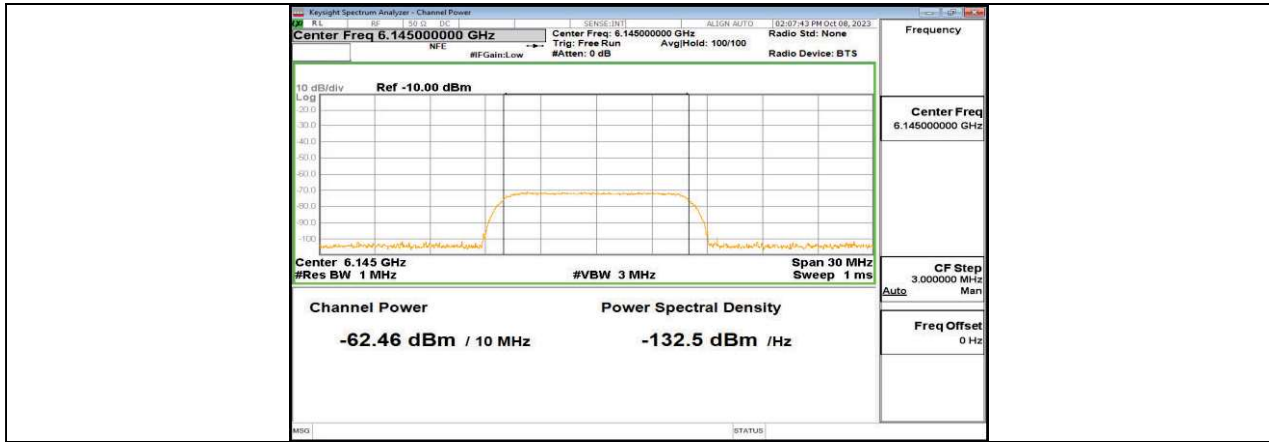
| Test Mode | Antenna | Frequency [MHz] | Interference Frequency [MHz] | Test Time | Is Detected | Verdict | | | |
|------------|---------|-----------------|------------------------------|-----------|-------------|---------|------|-----|------|
| 11AX80MIMO | Ant1 | 6145 | Low | 6110 | 1 | Yes | PASS | | |
| | | | Low | 6110 | 2 | Yes | PASS | | |
| | | | Low | 6110 | 3 | Yes | PASS | | |
| | | | Low | 6110 | 4 | Yes | PASS | | |
| | | | Low | 6110 | 5 | Yes | PASS | | |
| | | | Low | 6110 | 6 | Yes | PASS | | |
| | | | Low | 6110 | 7 | Yes | PASS | | |
| | | | Low | 6110 | 8 | Yes | PASS | | |
| | | | Low | 6110 | 9 | Yes | PASS | | |
| | | | Low | 6110 | 10 | Yes | PASS | | |
| | | | Center | 6145 | 1 | Yes | PASS | | |
| | | | Center | 6145 | 2 | Yes | PASS | | |
| | | | Center | 6145 | 3 | Yes | PASS | | |
| | | | Center | 6145 | 4 | Yes | PASS | | |
| | | | Center | 6145 | 5 | Yes | PASS | | |
| | | | Center | 6145 | 6 | Yes | PASS | | |
| | | | Center | 6145 | 7 | Yes | PASS | | |
| | | | Center | 6145 | 8 | Yes | PASS | | |
| | | | Center | 6145 | 9 | Yes | PASS | | |
| | | | Center | 6145 | 10 | Yes | PASS | | |
| | | | High | 6180 | 1 | Yes | PASS | | |
| | | | High | 6180 | 2 | Yes | PASS | | |
| | | | High | 6180 | 3 | Yes | PASS | | |
| | | | High | 6180 | 4 | Yes | PASS | | |
| | | | High | 6180 | 5 | Yes | PASS | | |
| | | | High | 6180 | 6 | Yes | PASS | | |
| | | | High | 6180 | 7 | Yes | PASS | | |
| | | | High | 6180 | 8 | Yes | PASS | | |
| | | | High | 6180 | 9 | Yes | PASS | | |
| | | | High | 6180 | 10 | Yes | PASS | | |
| | | 6465 | | | Low | 6430 | 1 | Yes | PASS |
| | | | | | Low | 6430 | 2 | Yes | PASS |
| | | | | | Low | 6430 | 3 | Yes | PASS |
| | | | | | Low | 6430 | 4 | Yes | PASS |
| | | | | | Low | 6430 | 5 | Yes | PASS |
| | | | | | Low | 6430 | 6 | Yes | PASS |
| | | | | | Low | 6430 | 7 | Yes | PASS |
| | | | | | Low | 6430 | 8 | Yes | PASS |
| | | | | | Low | 6430 | 9 | Yes | PASS |
| | | | | | Low | 6430 | 10 | Yes | PASS |
| | | | | | Center | 6465 | 1 | Yes | PASS |
| | | | | | Center | 6465 | 2 | Yes | PASS |
| | | | | | Center | 6465 | 3 | Yes | PASS |
| | | | | | Center | 6465 | 4 | Yes | PASS |
| | | | | | Center | 6465 | 5 | Yes | PASS |
| Center | 6465 | 6 | Yes | PASS | | | | | |
| Center | 6465 | 7 | Yes | PASS | | | | | |
| Center | 6465 | 8 | Yes | PASS | | | | | |
| Center | 6465 | 9 | Yes | PASS | | | | | |

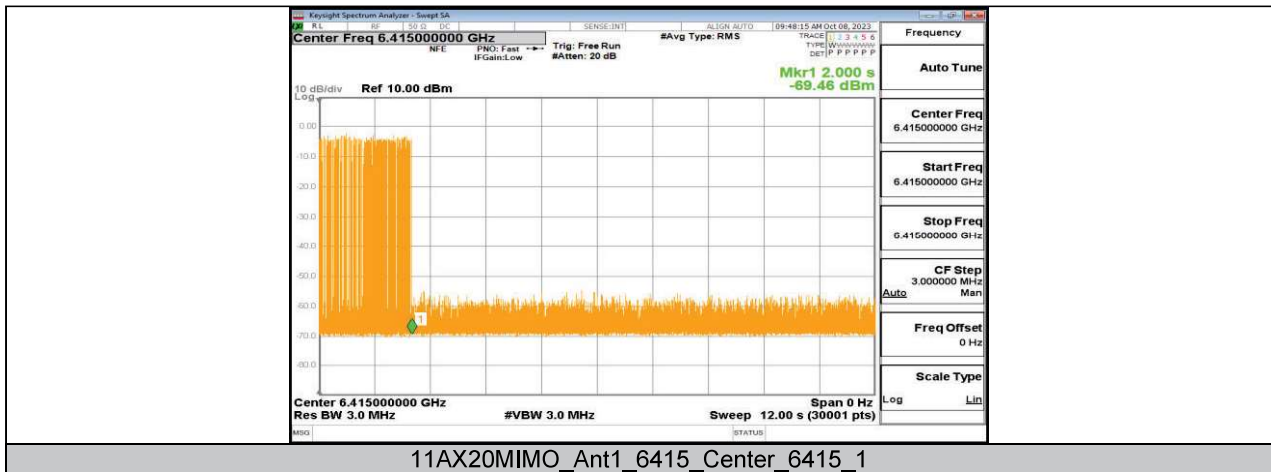
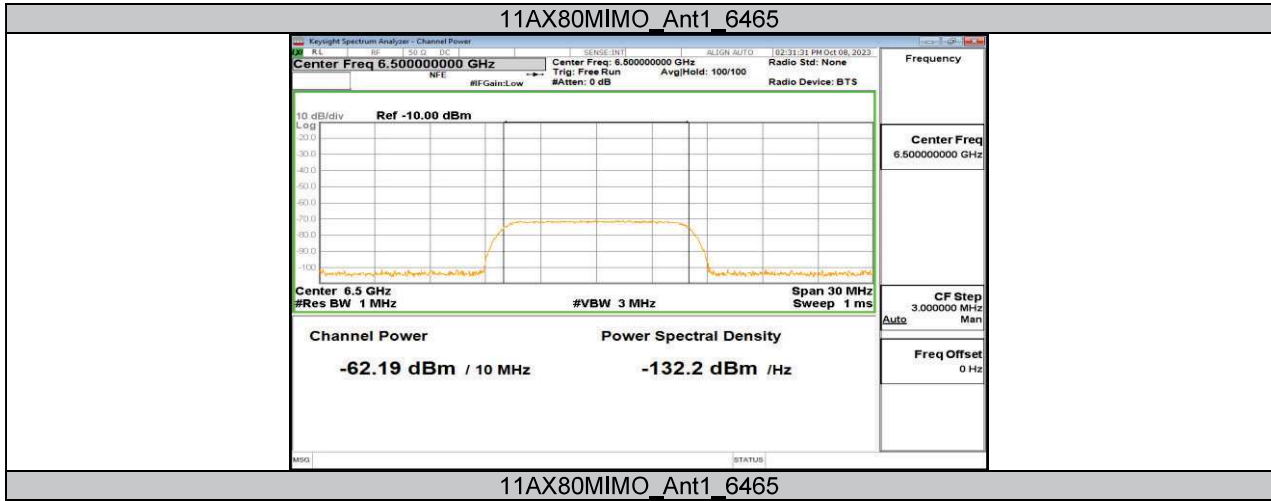
| | | | | | | | |
|--|--|--|--------|------|----|-----|------|
| | | | Center | 6465 | 10 | Yes | PASS |
| | | | High | 6500 | 1 | Yes | PASS |
| | | | High | 6500 | 2 | Yes | PASS |
| | | | High | 6500 | 3 | Yes | PASS |
| | | | High | 6500 | 4 | Yes | PASS |
| | | | High | 6500 | 5 | Yes | PASS |
| | | | High | 6500 | 6 | Yes | PASS |
| | | | High | 6500 | 7 | Yes | PASS |
| | | | High | 6500 | 8 | Yes | PASS |
| | | | High | 6500 | 9 | Yes | PASS |
| | | | High | 6500 | 10 | Yes | PASS |

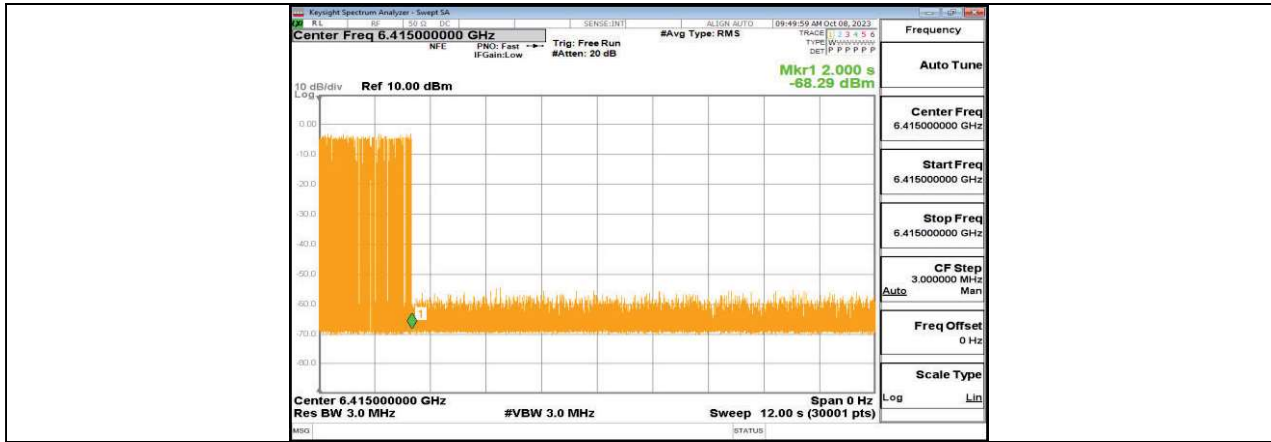
Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

11.7.2. Test Graphs

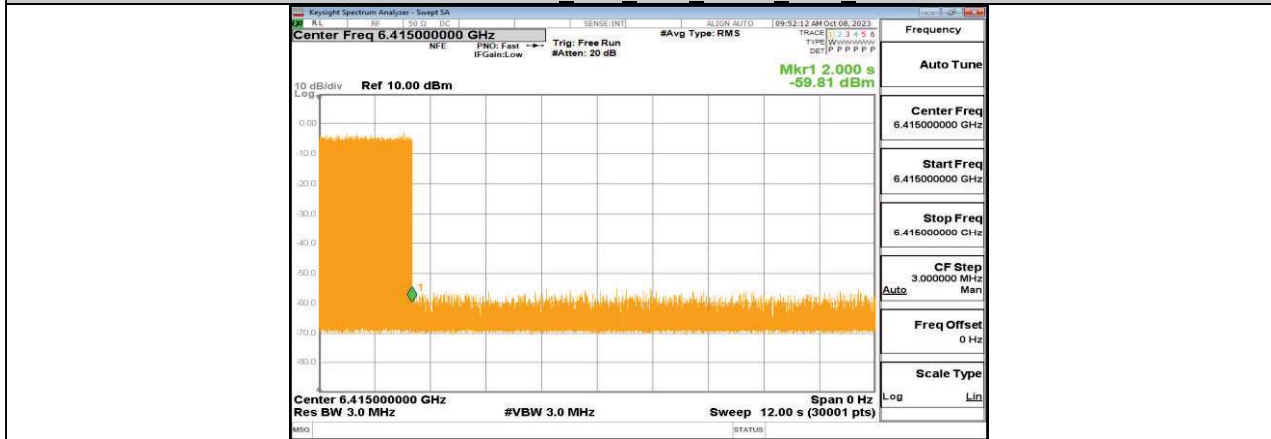




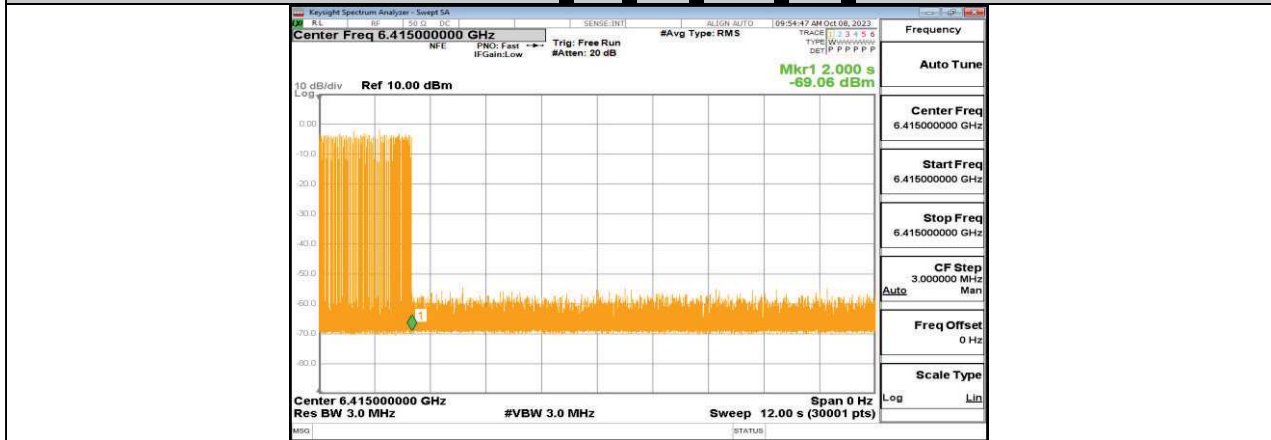




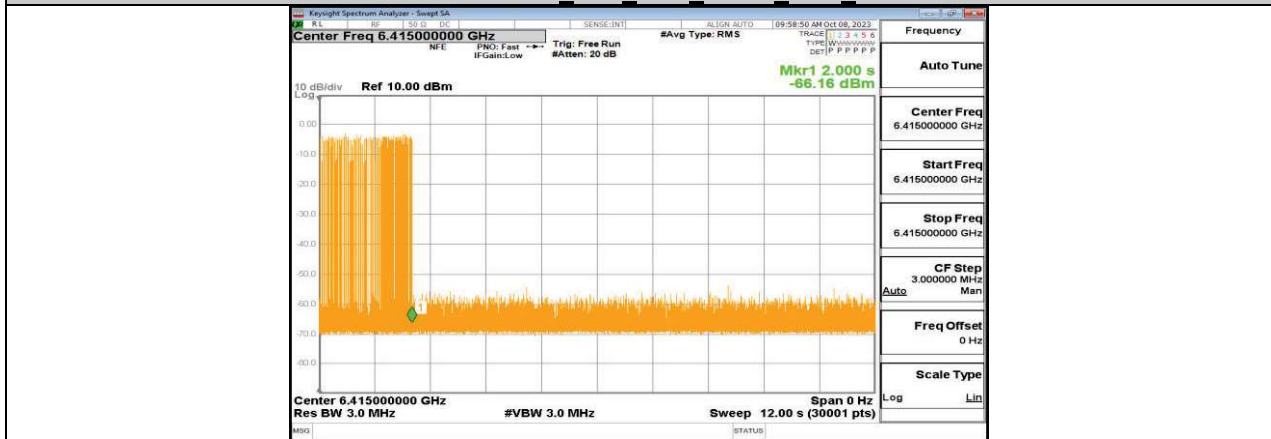
11AX20MIMO Ant1 6415 Center 6415 2

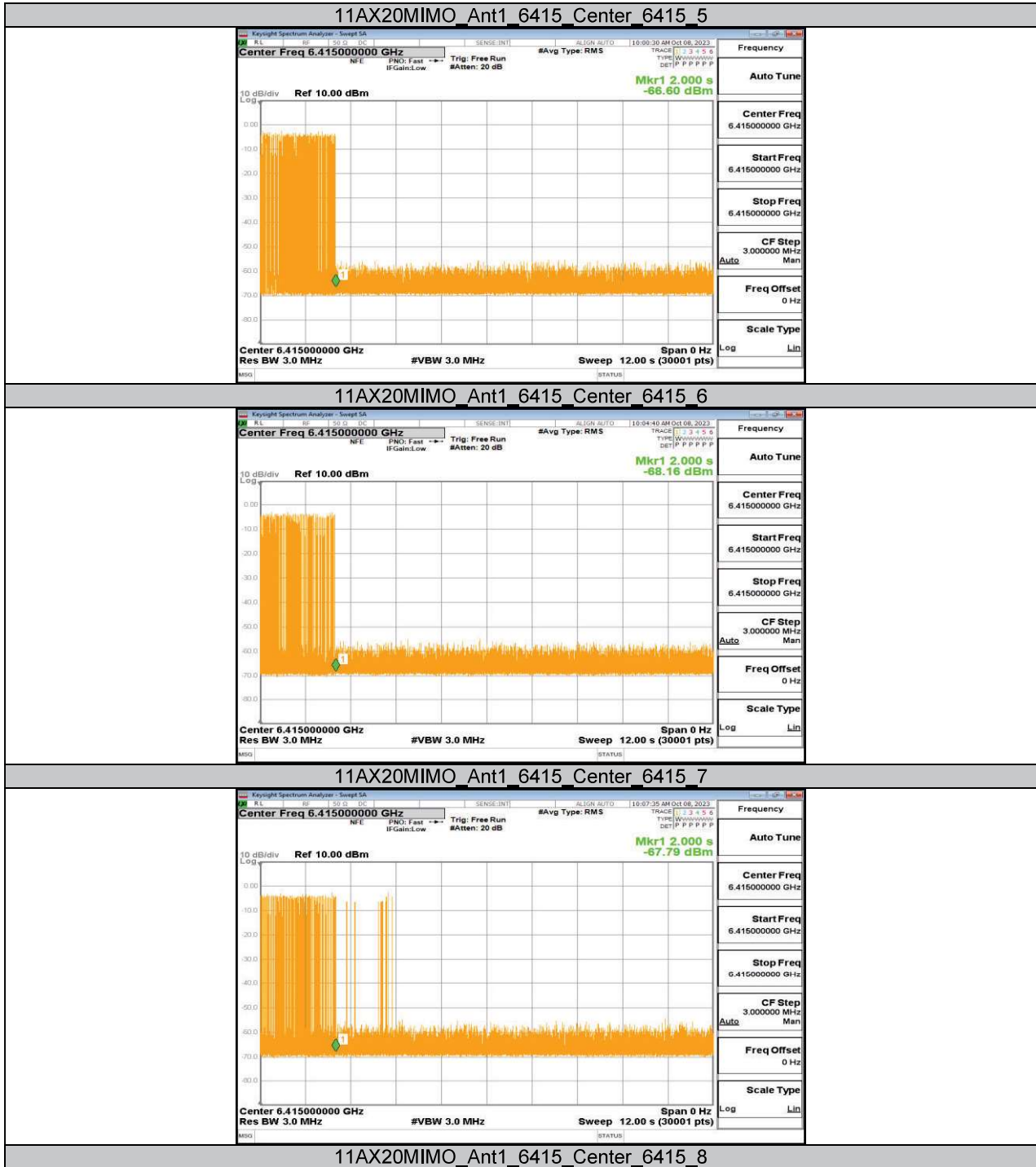


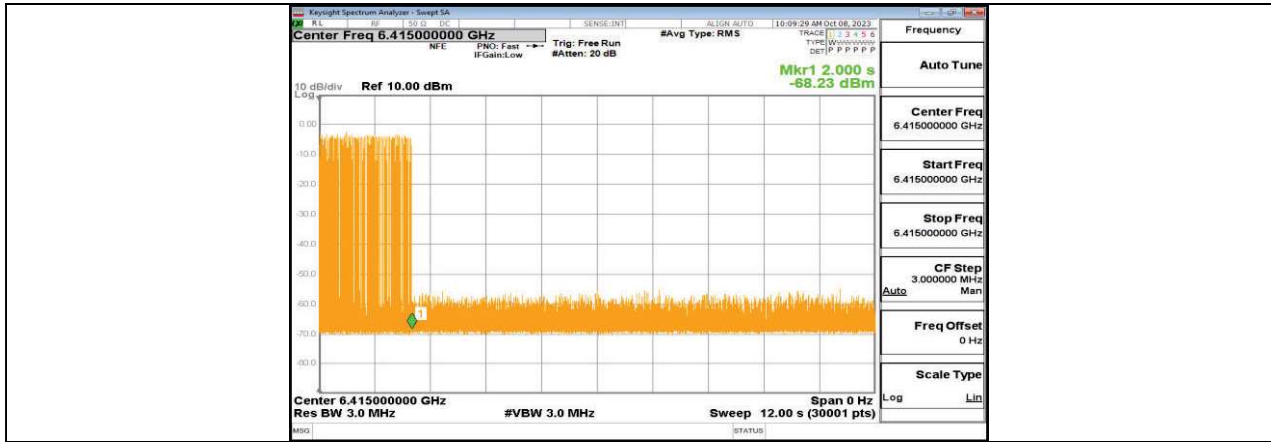
11AX20MIMO Ant1 6415 Center 6415 3



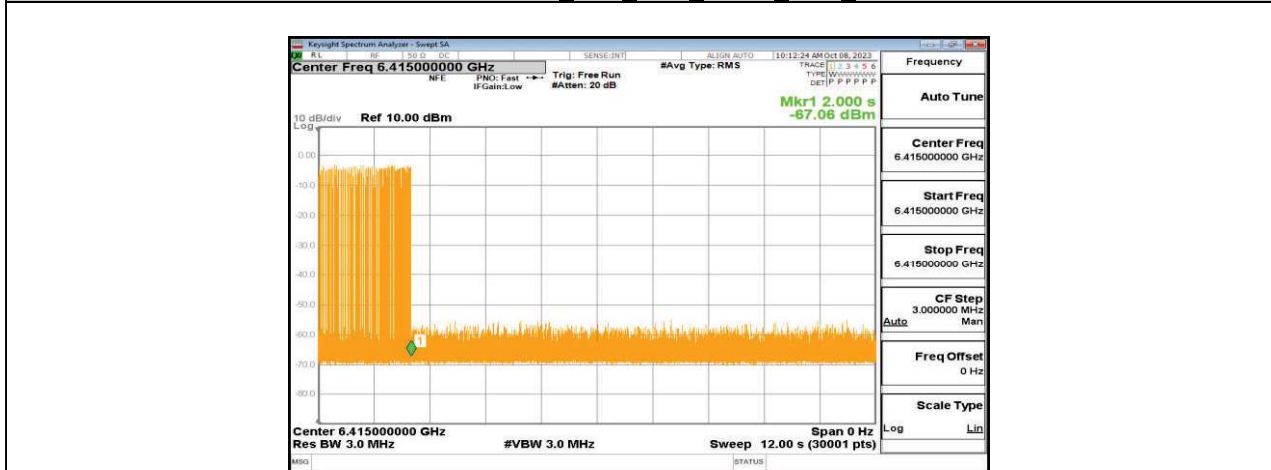
11AX20MIMO Ant1 6415 Center 6415 4



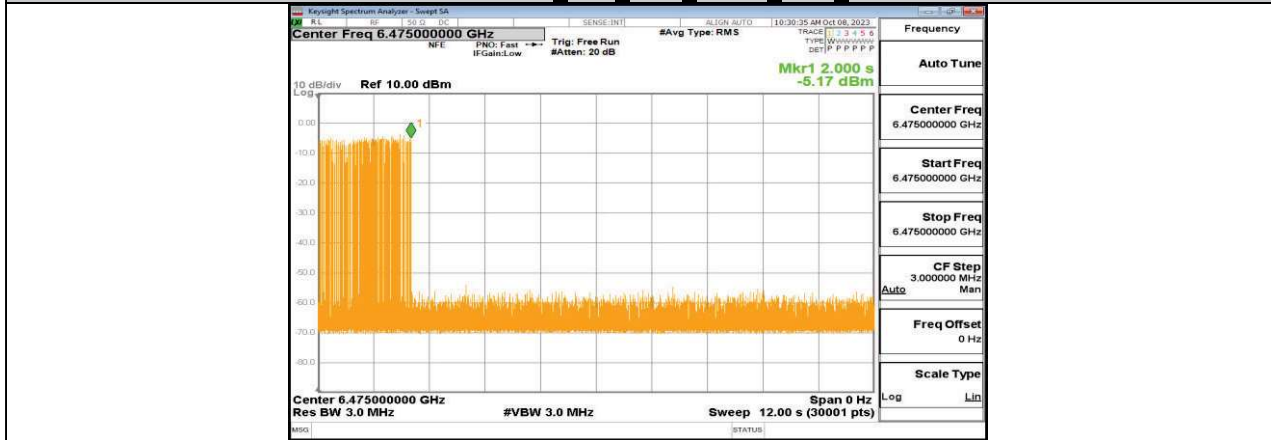




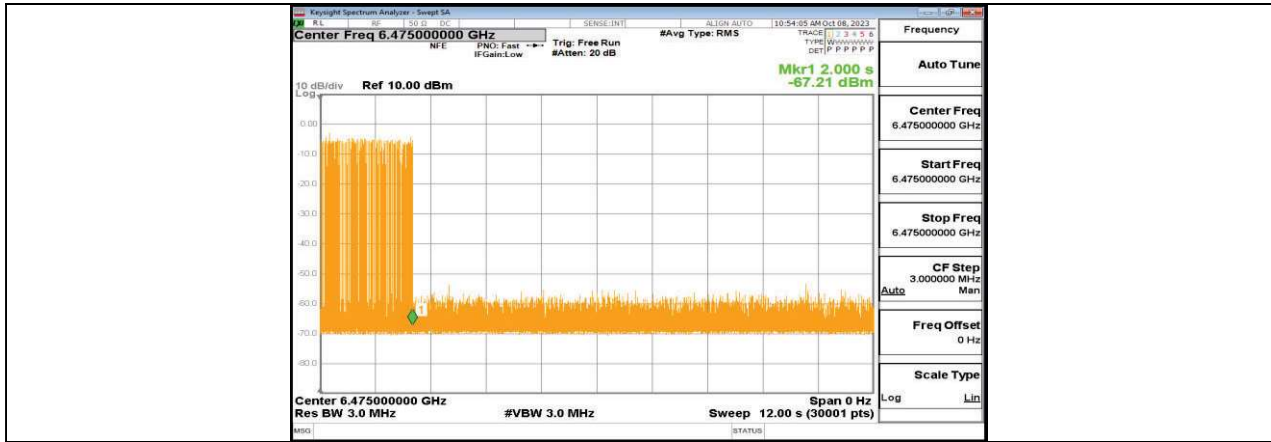
11AX20MIMO Ant1 6415 Center 6415 9



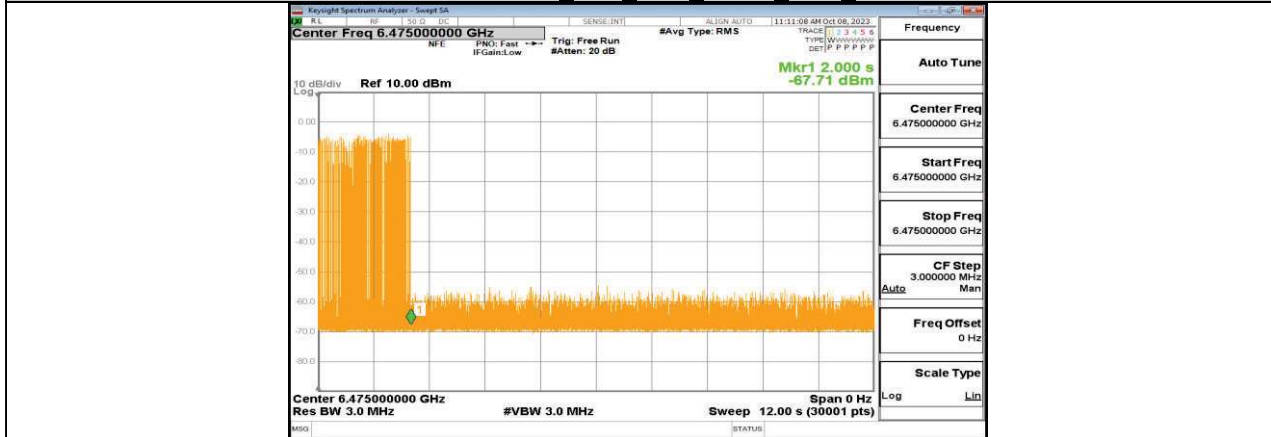
11AX20MIMO Ant1 6415 Center 6415 10



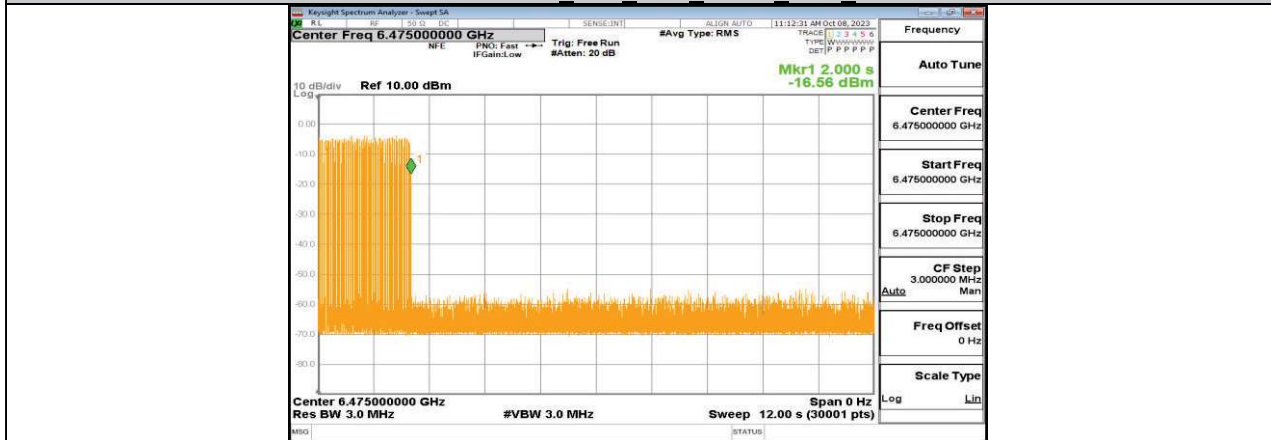
11AX20MIMO Ant1 6475 Center 6475 1



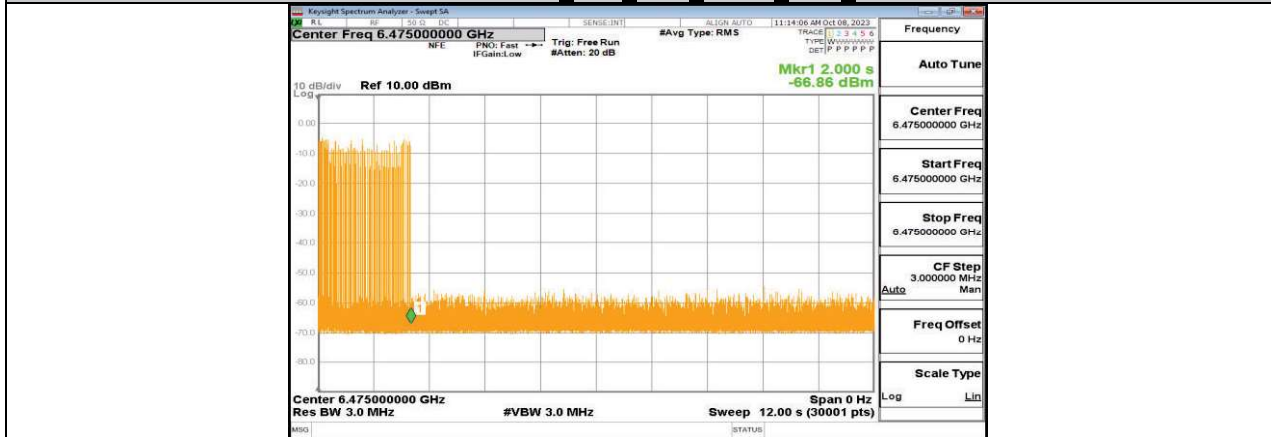
11AX20MIMO Ant1 6475 Center 6475 2

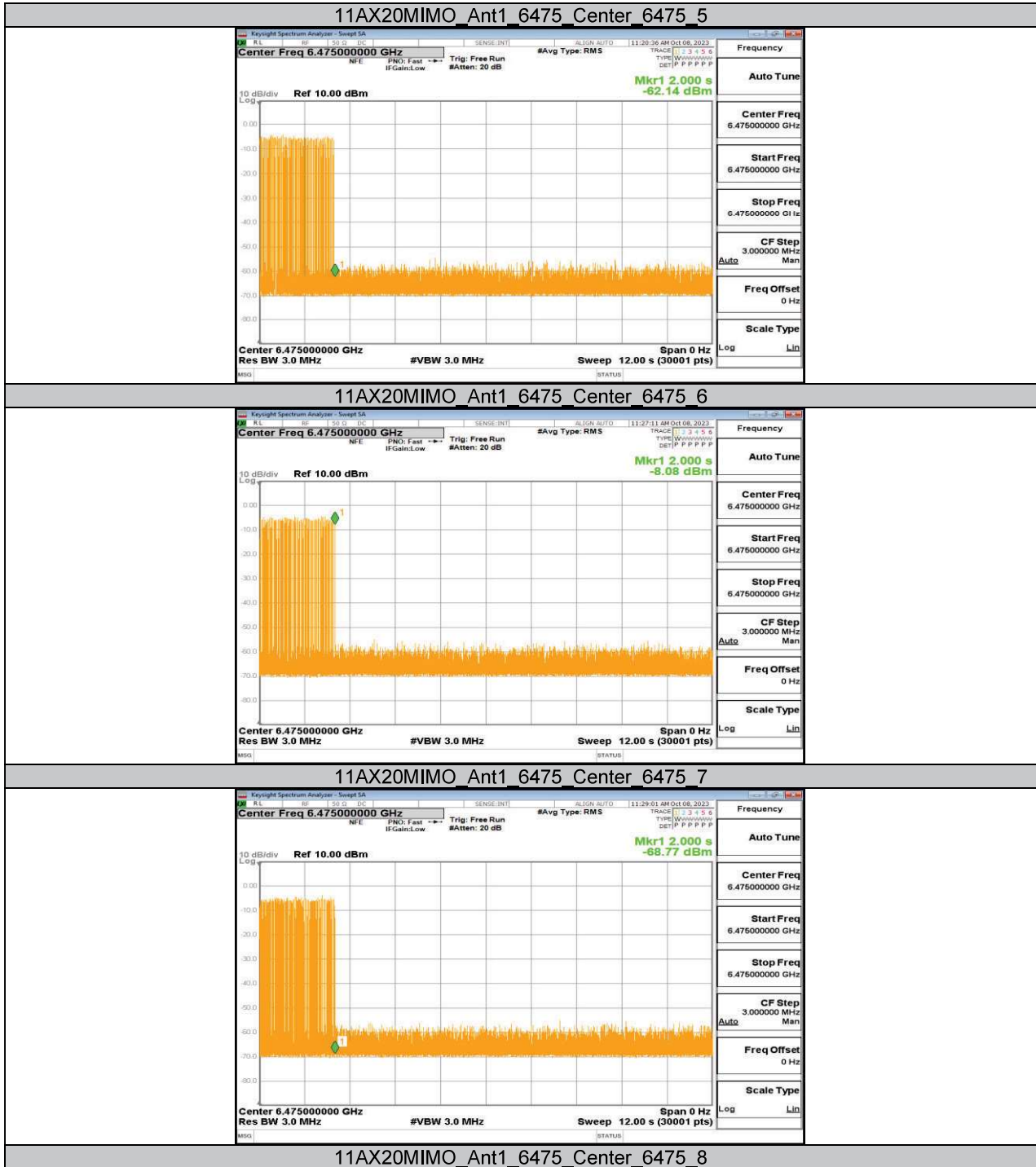


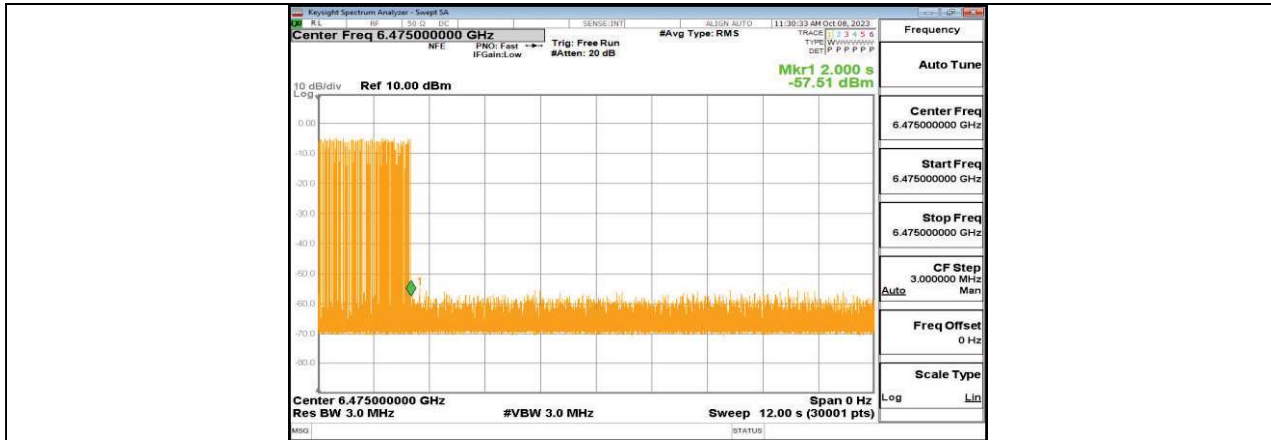
11AX20MIMO Ant1 6475 Center 6475 3



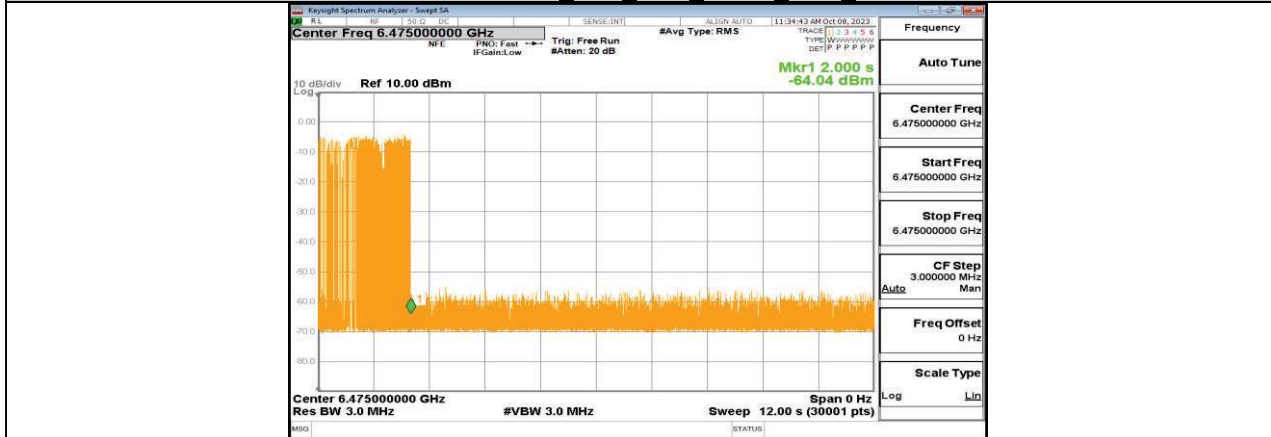
11AX20MIMO Ant1 6475 Center 6475 4







11AX20MIMO Ant1 6475 Center 6475 9



11AX20MIMO Ant1 6475 Center 6475 10

Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

11.8. APPENDIX G: FREQUENCY STABILITY

11.8.1. Test Result

| Frequency Error vs. Voltage | | | | | | | | | |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11ax HE20: 6175 MHz | | | | | | | | | |
| Temp. | Volt. | 0 Minute | | 2 Minute | | 5 Minute | | 10 Minute | |
| | | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| TN | VL | 6175.0176 | 2.85 | 6175.0104 | 1.69 | 6174.9775 | -3.64 | 6175.0150 | 2.43 |
| TN | VN | 6175.0054 | 0.87 | 6174.9999 | -0.02 | 6175.0192 | 3.11 | 6175.0228 | 3.69 |
| TN | VH | 6174.9952 | -0.78 | 6175.0118 | 1.90 | 6175.0181 | 2.93 | 6175.0108 | 1.74 |
| Frequency Error vs. Temperature | | | | | | | | | |
| 802.11ax HE20: 6175 MHz | | | | | | | | | |
| Temp. | Volt. | 0 Minute | | 2 Minute | | 5 Minute | | 10 Minute | |
| | | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| 40 | VN | 6174.9861 | -2.25 | 6175.0020 | 0.32 | 6175.0191 | 3.09 | 6174.9970 | -0.48 |
| 30 | VN | 6175.0232 | 3.75 | 6174.9799 | -3.26 | 6175.0172 | 2.79 | 6175.0119 | 1.92 |
| 20 | VN | 6175.0107 | 1.73 | 6174.9827 | -2.79 | 6175.0173 | 2.81 | 6175.0244 | 3.96 |
| 10 | VN | 6175.0041 | 0.66 | 6174.9780 | -3.56 | 6174.9794 | -3.34 | 6174.9796 | -3.30 |
| 0 | VN | 6174.9819 | -2.94 | 6175.0058 | 0.93 | 6175.0019 | 0.31 | 6175.0161 | 2.60 |

| Frequency Error vs. Voltage | | | | | | | | | |
|-----------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11ax HE20: 6475 MHz | | | | | | | | | |
| Temp. | Volt. | 0 Minute | | 2 Minute | | 5 Minute | | 10 Minute | |
| | | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| TN | VL | 6475.0212 | 3.27 | 6474.9957 | -0.67 | 6475.0027 | 0.42 | 6474.9976 | -0.36 |
| TN | VN | 6474.9853 | -2.28 | 6474.9754 | -3.81 | 6475.0020 | 0.31 | 6475.0058 | 0.90 |
| TN | VH | 6475.0101 | 1.56 | 6474.9946 | -0.83 | 6474.9761 | -3.69 | 6474.9816 | -2.84 |

| Frequency Error vs. Temperature | | | | | | | | | |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11ax HE20: 6475 MHz | | | | | | | | | |
| Temp. | Volt. | 0 Minute | | 2 Minute | | 5 Minute | | 10 Minute | |
| | | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| 40 | VN | 6474.9931 | -1.07 | 6475.0026 | 0.40 | 6474.9843 | -2.43 | 6474.9880 | -1.85 |
| 30 | VN | 6474.9986 | -0.22 | 6475.0128 | 1.98 | 6475.0088 | 1.36 | 6475.0046 | 0.71 |
| 20 | VN | 6475.0188 | 2.91 | 6474.9781 | -3.38 | 6474.9938 | -0.95 | 6475.0227 | 3.51 |
| 10 | VN | 6475.0155 | 2.40 | 6475.0223 | 3.45 | 6475.0127 | 1.96 | 6474.9770 | -3.56 |
| 0 | VN | 6475.0183 | 2.83 | 6475.0014 | 0.22 | 6475.0002 | 0.03 | 6474.9909 | -1.41 |

Note:

1. All antennas and test modes have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.6.

END OF REPORT