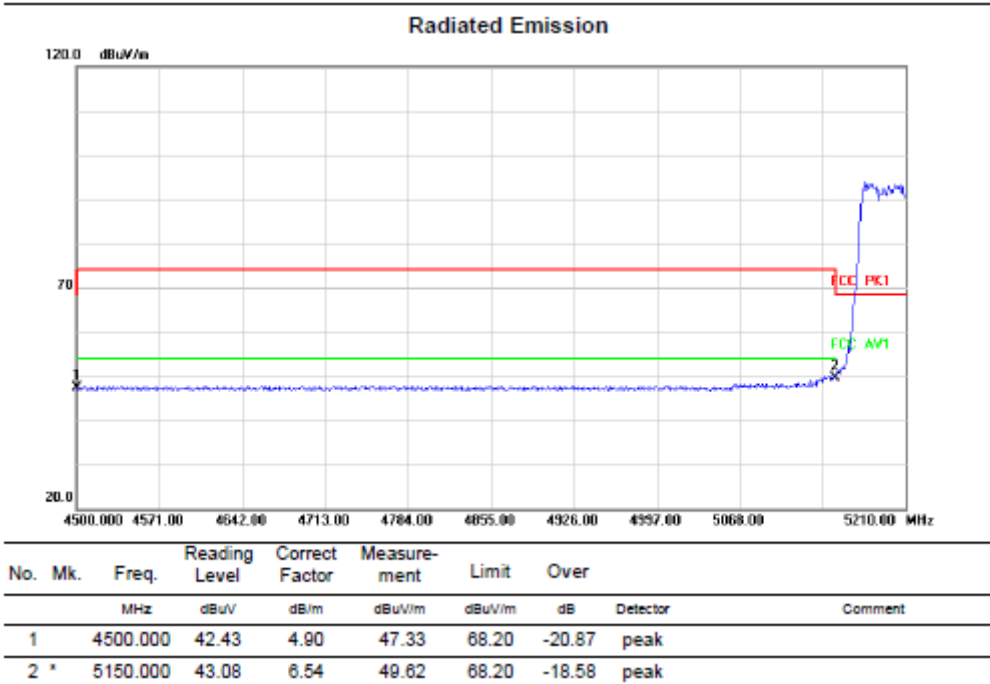
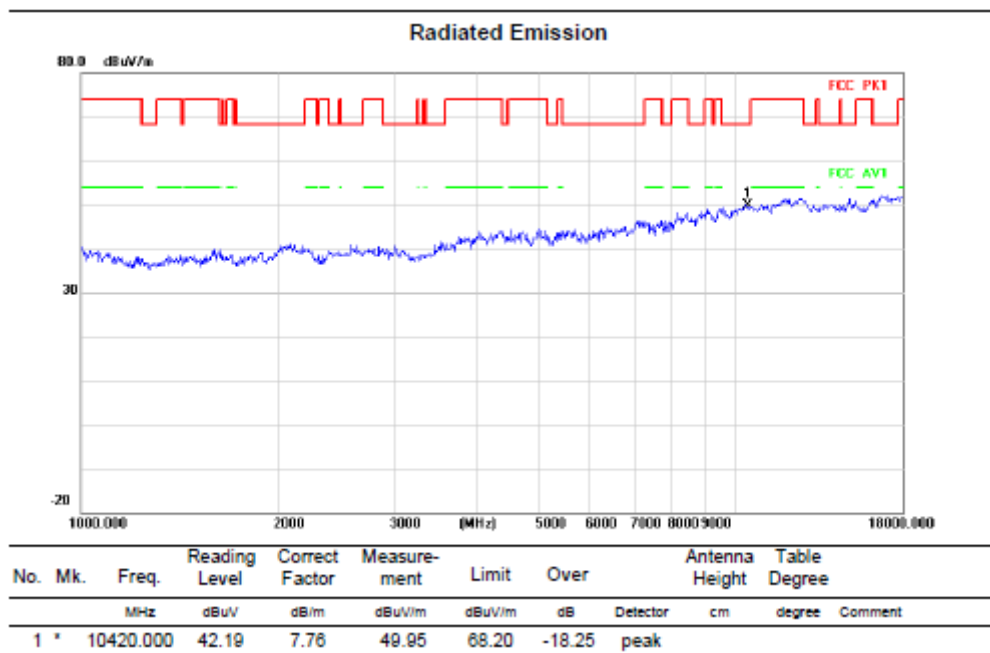


Above 1GHz (1GHz~18GHz)

Test mode: 11AC80MIMO

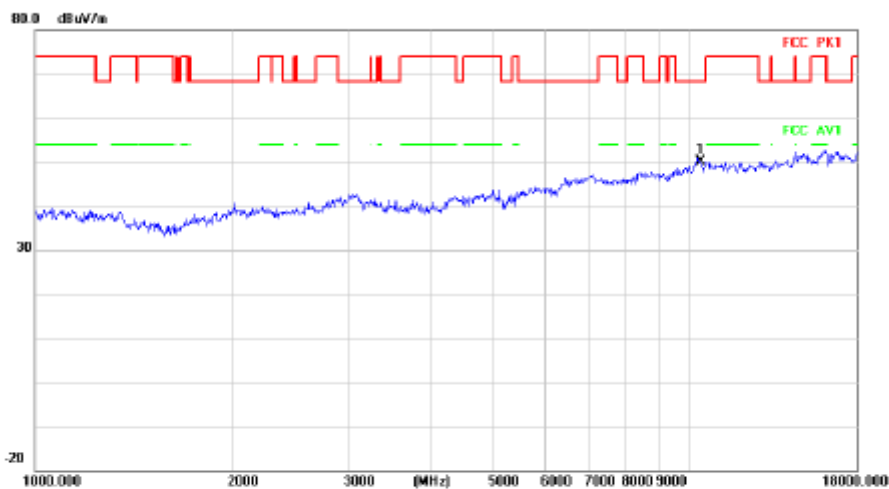
Test Channel:42

VERTICAL



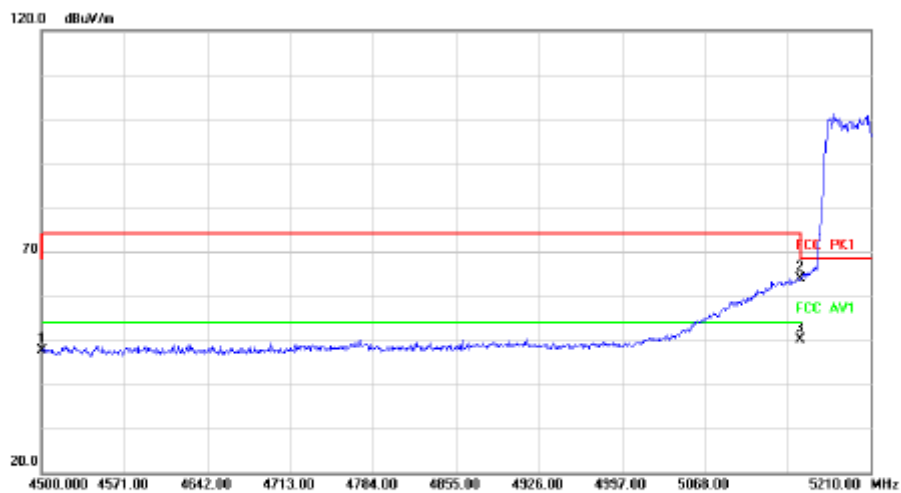
## HORIZONTAL

### Radiated Emission



| No. | Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |
|-----|-----|-----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
|     |     | MHz       | dBuV          | dB/m           | dBuV/m      | dBuV/m | dB     | cm             | degree       |
| 1   | *   | 10420.000 | 42.28         | 7.76           | 50.04       | 68.20  | -18.16 | peak           |              |

### Radiated Emission



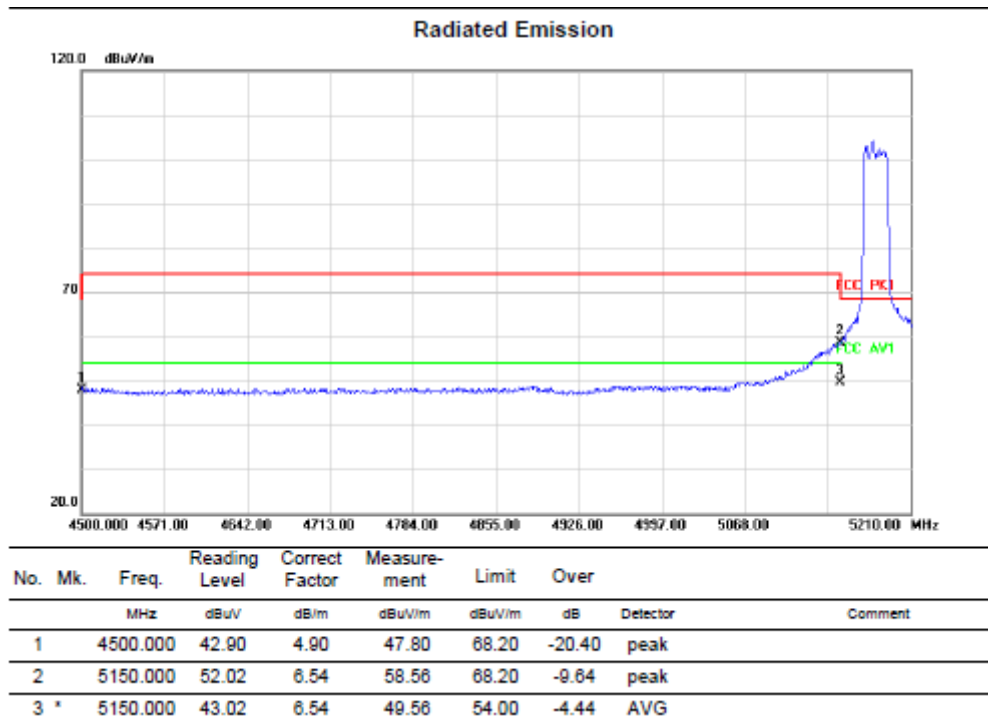
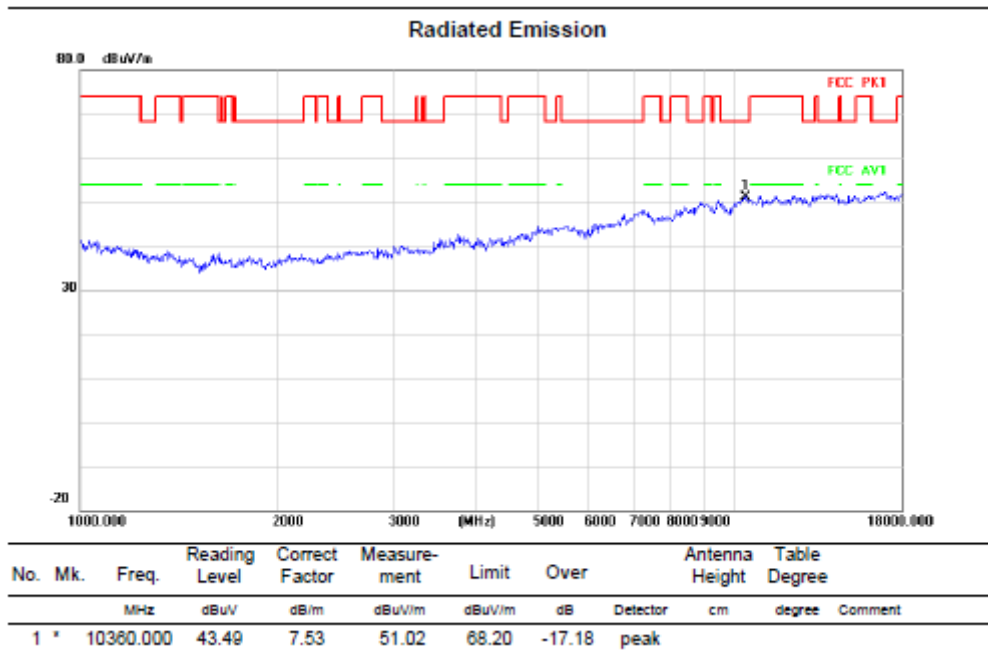
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
|     |     | MHz      | dBuV          | dB/m           | dBuV/m      | dBuV/m | dB     | cm             | degree       |
| 1   |     | 4500.000 | 42.85         | 4.90           | 47.75       | 68.20  | -20.45 | peak           |              |
| 2   |     | 5150.000 | 57.39         | 6.54           | 63.93       | 68.20  | -4.27  | peak           |              |
| 3   | *   | 5150.000 | 43.70         | 6.54           | 50.24       | 54.00  | -3.76  | AVG            |              |

Above 1GHz (1GHz~18GHz)

Test mode: 11AX20MIMO

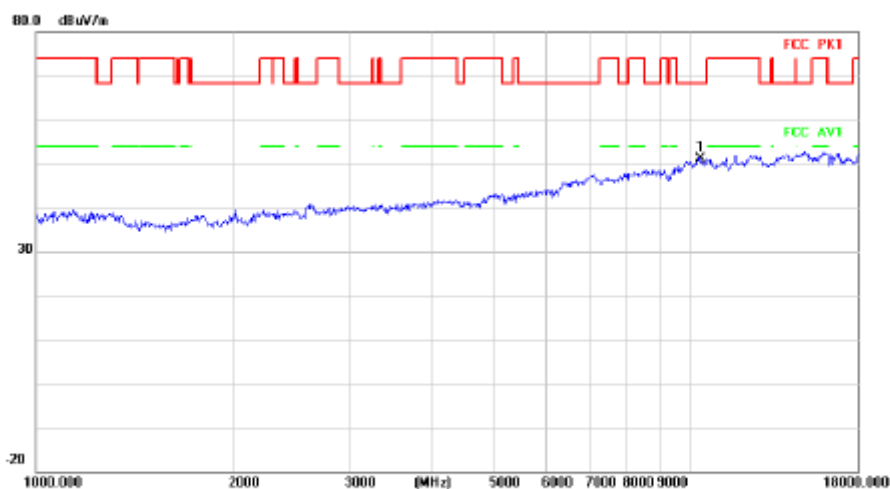
Test Channel:36

VERTICAL



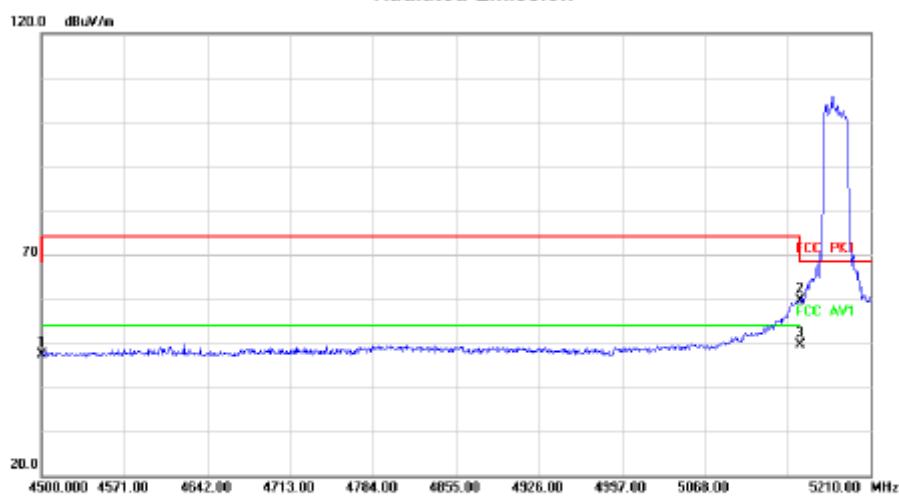
## HORIZONTAL

### Radiated Emission



| No. | Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |
|-----|-----|-----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
|     |     | MHz       | dBuV          | dB/m           | dBuV/m      | dBuV/m | dB     | cm             | degree       |
| 1   | *   | 10360.000 | 43.71         | 7.53           | 51.24       | 68.20  | -16.96 | peak           |              |

### Radiated Emission



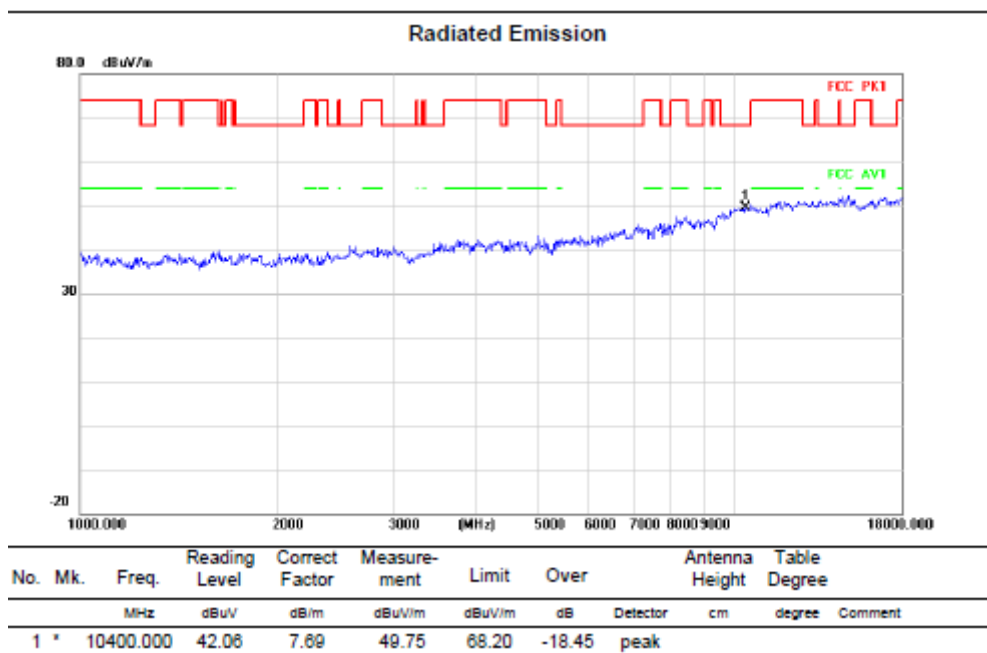
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
|     |     | MHz      | dBuV          | dB/m           | dBuV/m      | dBuV/m | dB     | cm             | degree       |
| 1   |     | 4500.000 | 42.42         | 4.90           | 47.32       | 68.20  | -20.88 | peak           |              |
| 2   |     | 5150.000 | 53.08         | 6.54           | 59.62       | 68.20  | -8.58  | peak           |              |
| 3   | *   | 5150.000 | 43.08         | 6.54           | 49.62       | 54.00  | -4.38  | AVG            |              |

Above 1GHz (1GHz~18GHz)

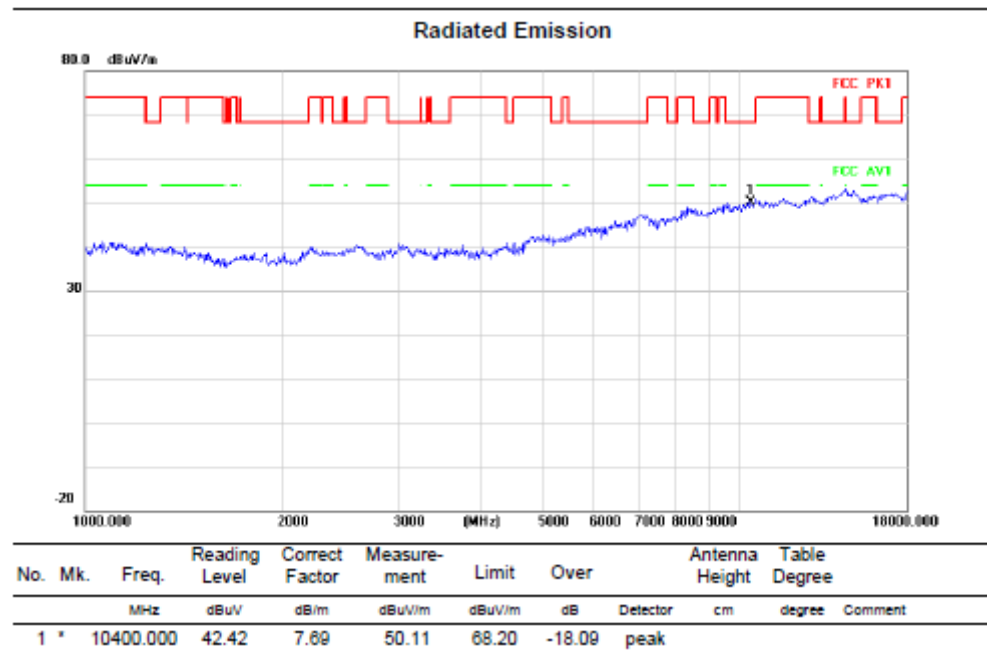
Test mode: 11AX20MIMO

Test Channel:40

### VERTICAL



### HORIZONTAL

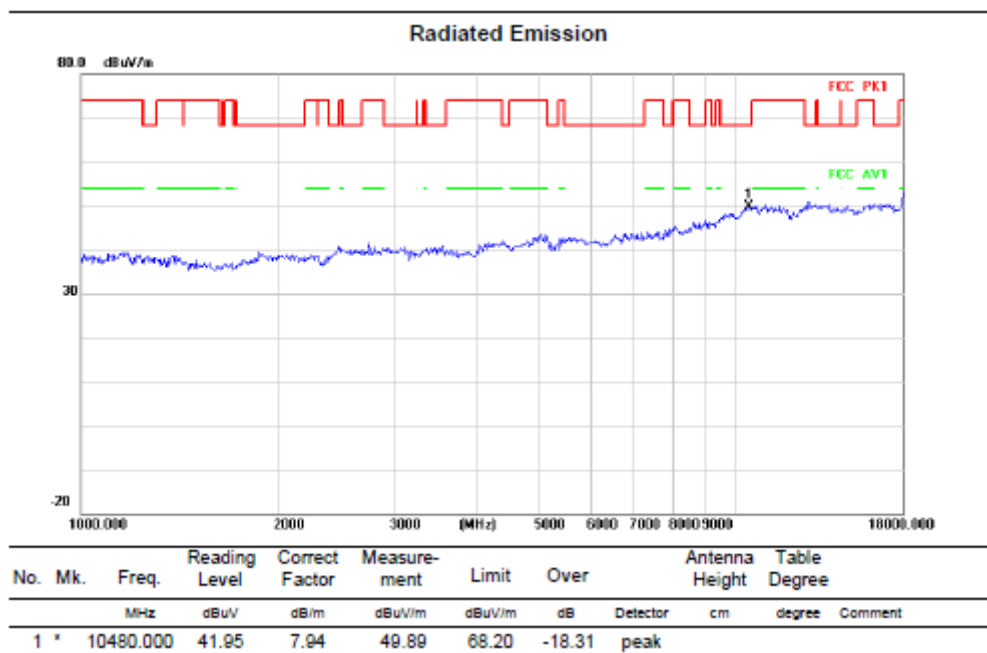


Above 1GHz (1GHz~18GHz)

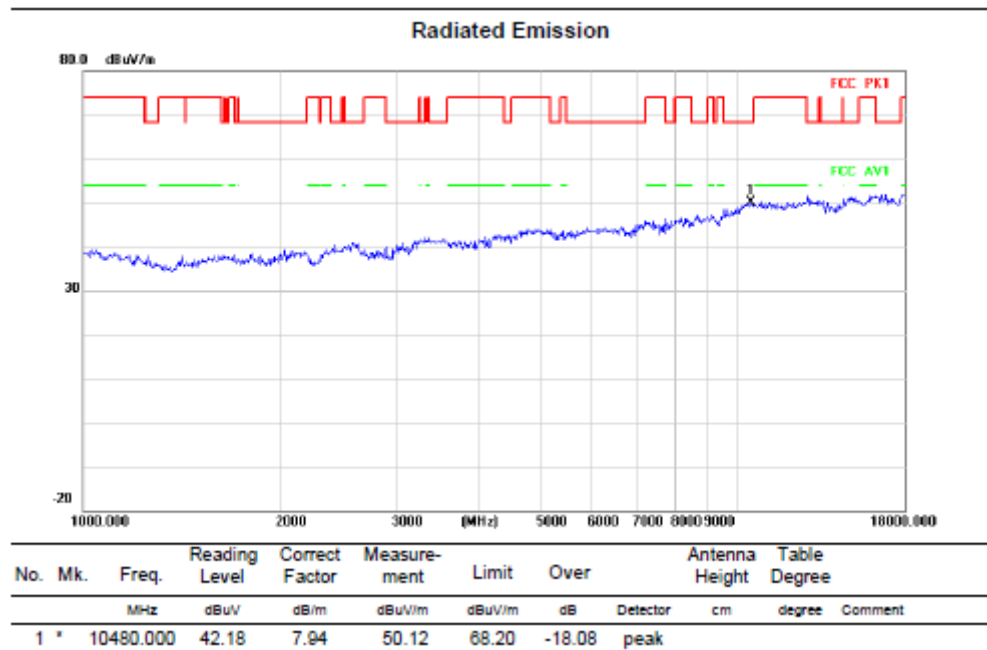
Test mode: 11AX20MIMO

Test Channel:48

### VERTICAL



### HORIZONTAL

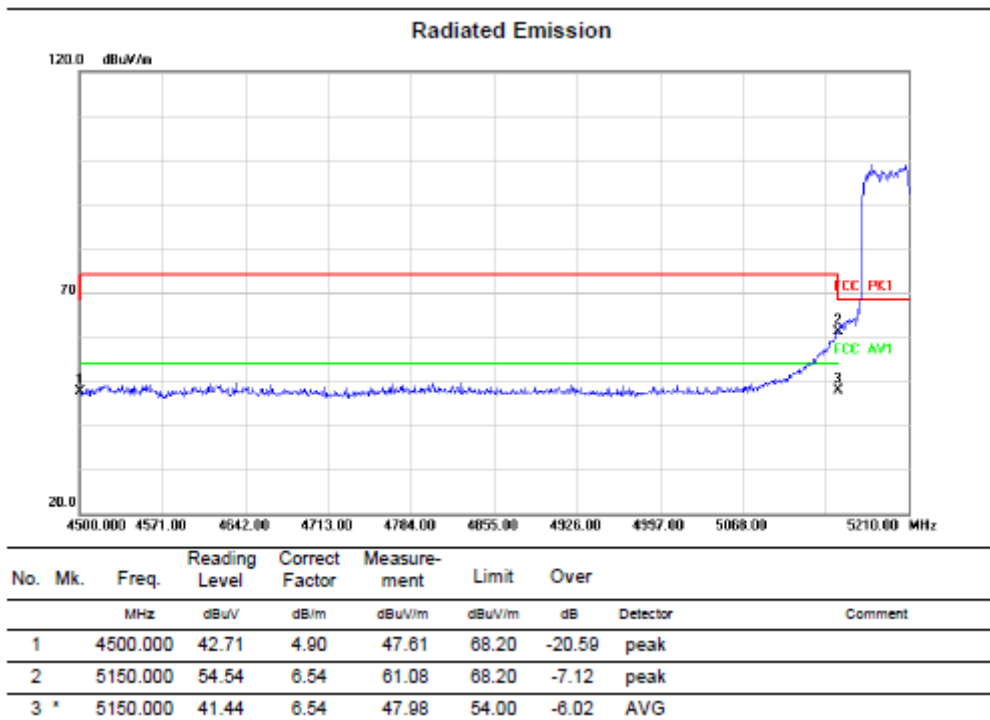
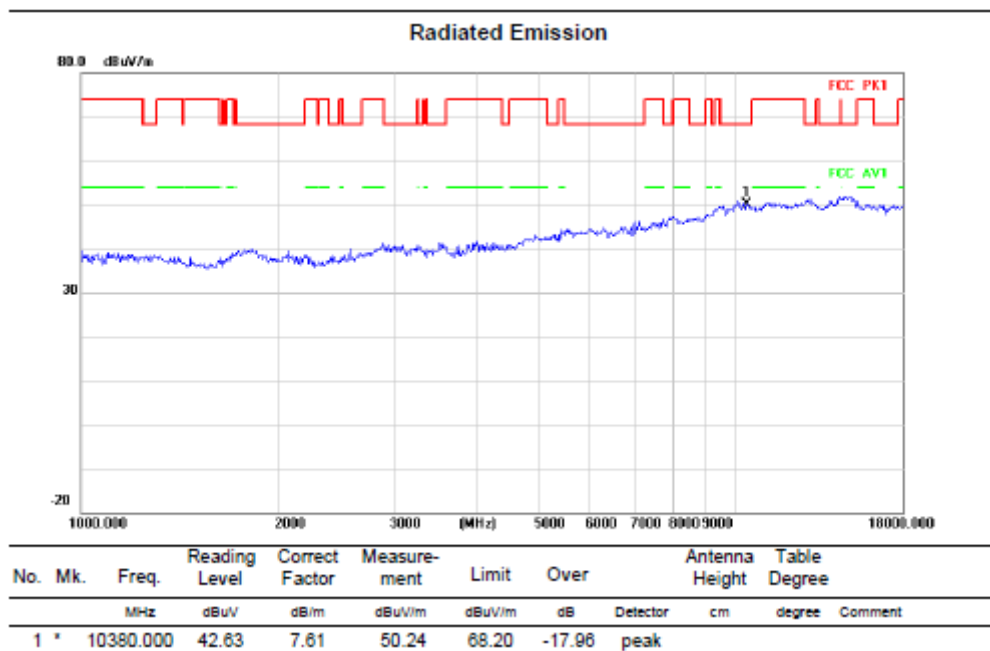


Above 1GHz (1GHz~18GHz)

Test mode: 11AX40MIMO

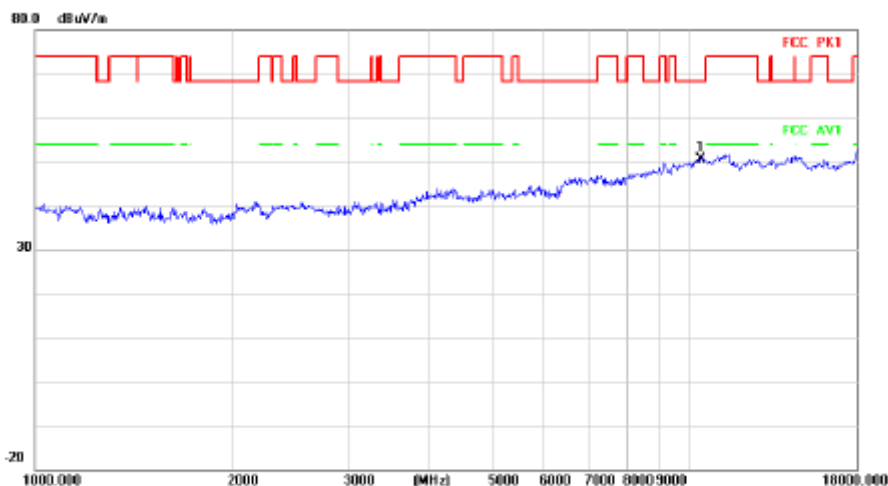
Test Channel:38

VERTICAL



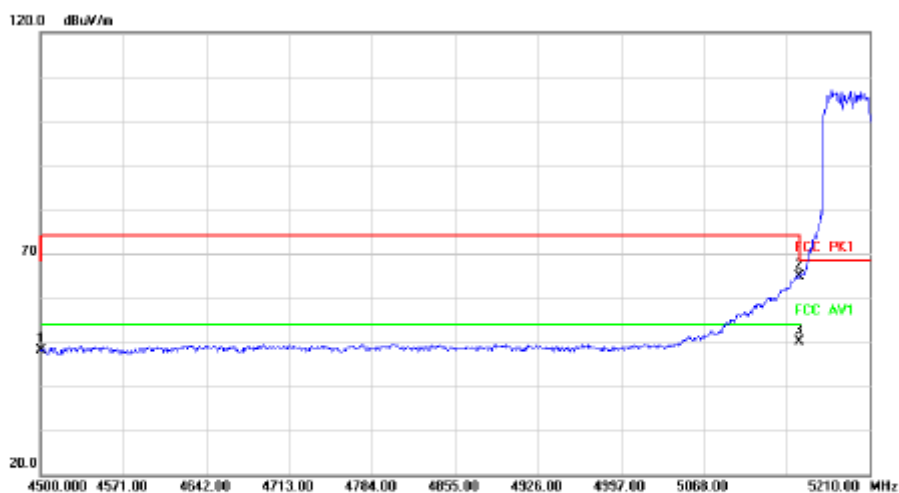
# HORIZONTALA

## Radiated Emission



| No. | Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |
|-----|-----|-----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
|     |     | MHz       | dBuV          | dBm            | dBuV/m      | dBuV/m | dB     | cm             | degree       |
| 1   | *   | 10380.000 | 43.14         | 7.61           | 50.75       | 68.20  | -17.45 | peak           |              |

## Radiated Emission



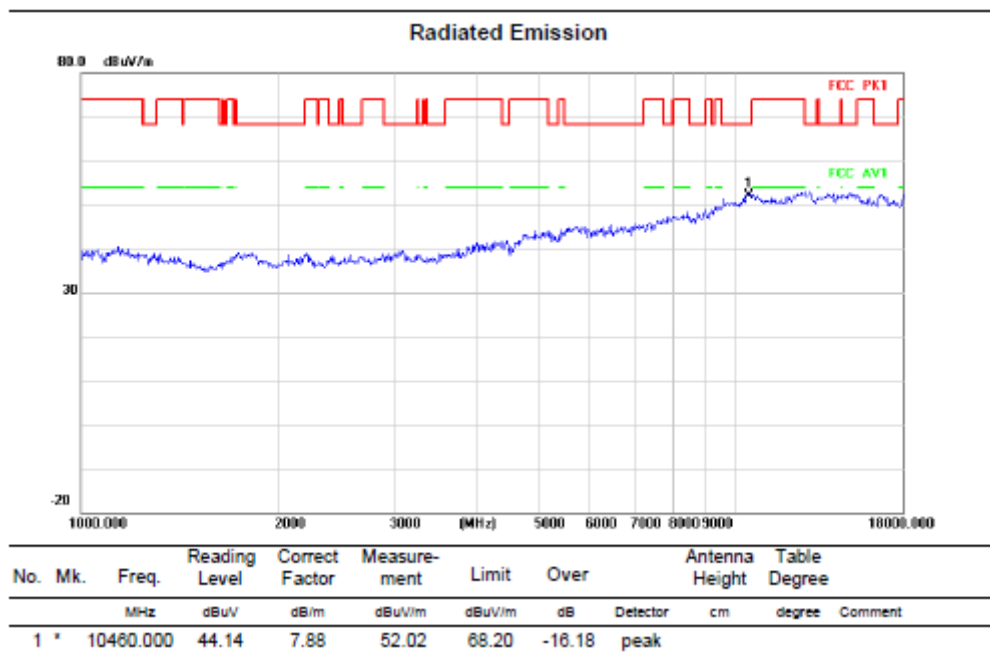
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
|     |     | MHz      | dBuV          | dBm            | dBuV/m      | dBuV/m | dB     | cm             | degree       |
| 1   |     | 4500.000 | 43.19         | 4.90           | 48.09       | 68.20  | -20.11 | peak           |              |
| 2   | *   | 5150.000 | 58.45         | 6.54           | 64.99       | 68.20  | -3.21  | peak           |              |
| 3   |     | 5150.000 | 43.70         | 6.54           | 50.24       | 54.00  | -3.76  | AVG            |              |

Above 1GHz (1GHz~18GHz)

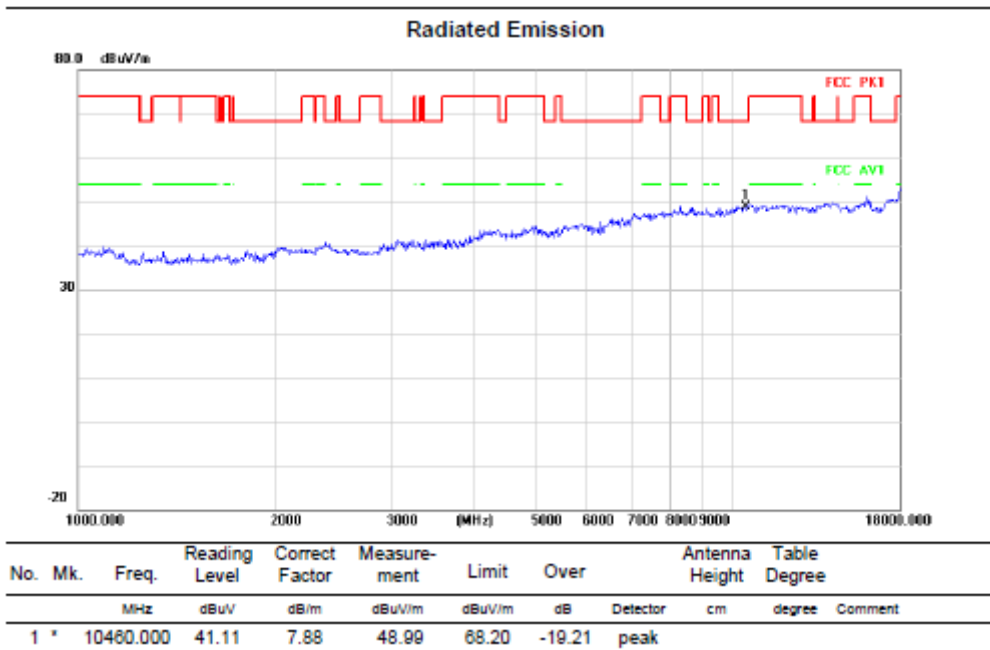
Test mode: 11AX40MIMO

Test Channel:46

### VERTICAL



### HORIZONTAL

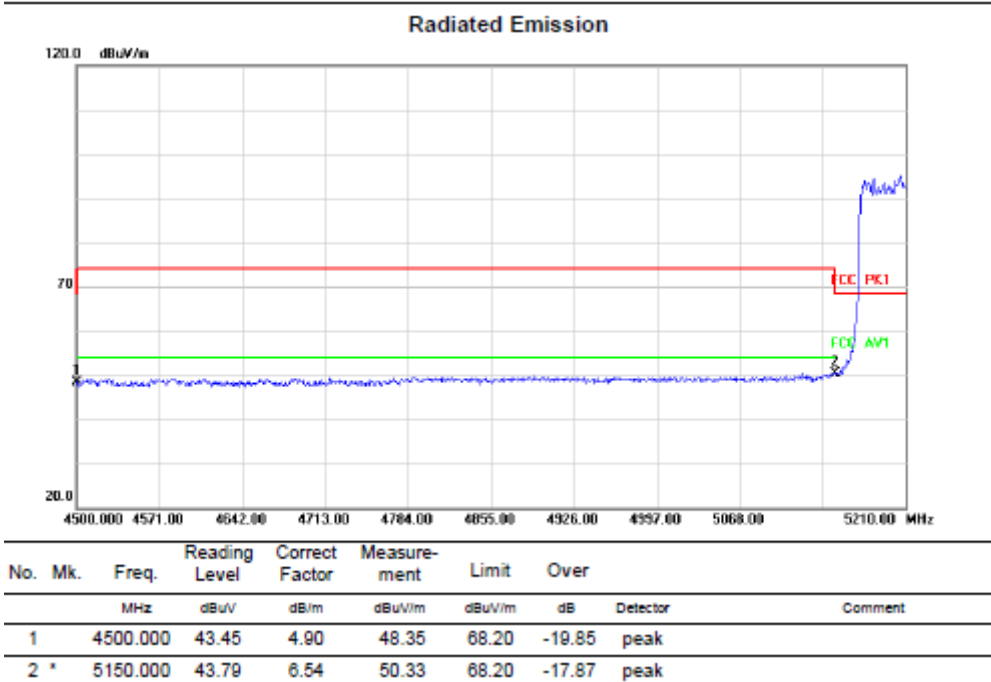
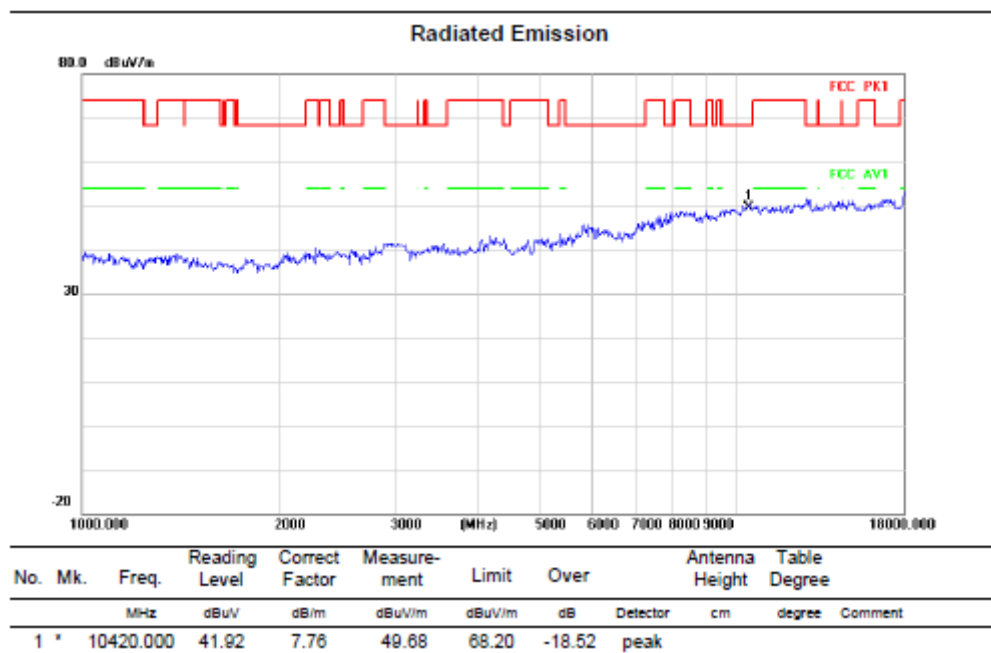


Above 1GHz (1GHz~18GHz)

Test mode: 11AX80MIMO

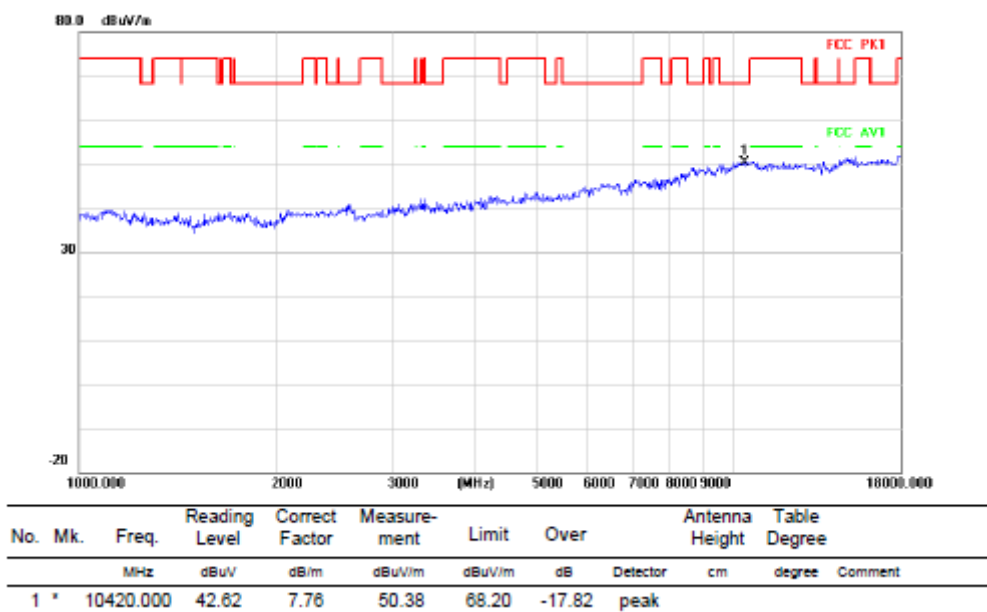
Test Channel:42

VERTICAL

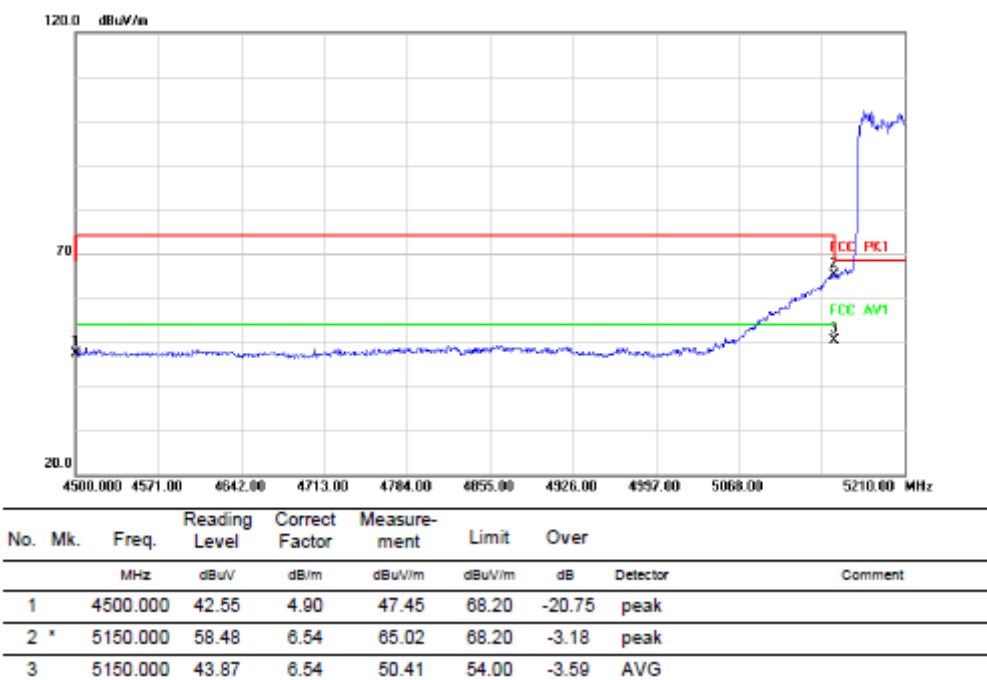


## HORIZONTAL

### Radiated Emission



### Radiated Emission



Note: The high frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

### 3.3 Spectrum Bandwidth

#### 3.3.1 Limit

| FCC Part15, Subpart E (15.407) |                 |                 |                       |
|--------------------------------|-----------------|-----------------|-----------------------|
| Section                        | Test Item       | Limit           | Frequency Range (MHz) |
| 15.407(a)                      | 26 dB Bandwidth | -               | 5150-5250             |
|                                | 26 dB Bandwidth | -               | 5250-5350             |
|                                | 26 dB Bandwidth | -               | 5470-5725             |
| 15.407(e)                      | 26 dB Bandwidth | -               | 5725-5850             |
|                                | 6 dB Bandwidth  | Minimum 500 kHz | 5725-5850             |

#### 3.3.2 Test Procedure

| Test Method                         |                              |
|-------------------------------------|------------------------------|
| ●Conducted Measurement              | ○Radiated Measurement        |
| Test Channels                       |                              |
| ●Lowest, Middle and Highest Channel | ○ Lowest and Highest Channel |
| Environmental conditions            |                              |
| ●Normal                             | ○Normal and Extreme          |
| Note:●:Test    ○:No Test            |                              |

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) the spectrum analyser is set as follow:

For 26 dB Bandwidth

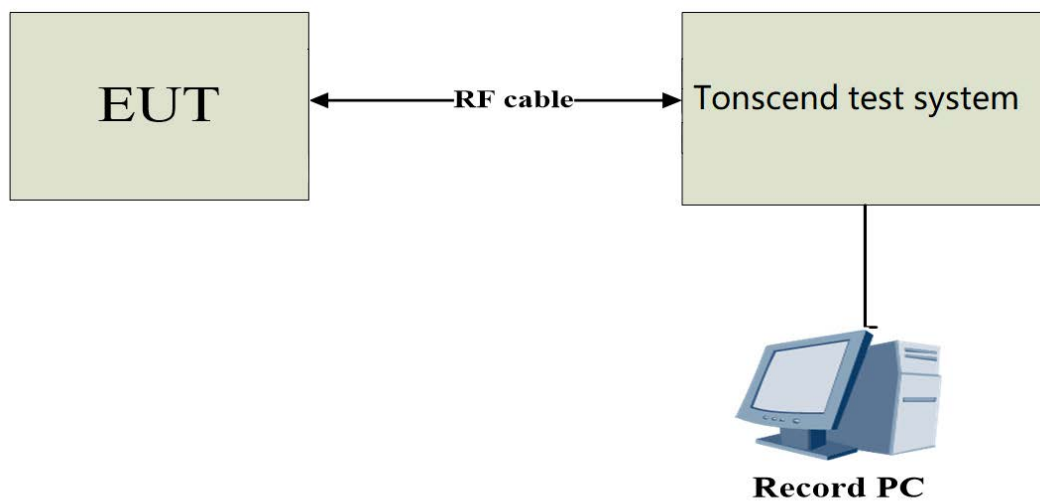
|                  |                                                |
|------------------|------------------------------------------------|
| Centre Frequency | The centre frequency of the channel under test |
| RBW              | 1% to 5% of the emission bandwidth             |
| VBW              | VBW>RBW                                        |
| Frequency span   | 2 x Nominal Channel Bandwidth                  |
| Detector Mode    | Peak                                           |
| Trace Mode       | Max Hold                                       |
| Sweep Time       | Auto Couple                                    |

For 6 dB Bandwidth

|                  |                                                |
|------------------|------------------------------------------------|
| Centre Frequency | The centre frequency of the channel under test |
| RBW              | 100 kHz                                        |
| VBW              | 300 kHz                                        |
| Frequency span   | 2 x Nominal Channel Bandwidth                  |
| Detector Mode    | Peak                                           |
| Trace Mode       | Max Hold                                       |
| Sweep Time       | Auto Couple                                    |

- c) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.
- d) Use the -26/-6dB bandwidth function of the spectrum analyser to measure the -26/-6dB Bandwidth of the EUT. This value shall be recorded.
- e) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

### 3.3.3 Test Setup



### 3.3.4 Test Result

#### 26 dB Bandwidth

| Test Mode  | Antenna | Frequency [MHz] | 26db EBW [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|------------|---------|-----------------|----------------|----------|----------|-------------|---------|
| 11A        | Ant1    | 5180            | 18.280         | 5170.840 | 5189.120 | ---         | ---     |
| 11A        | Ant2    | 5180            | 18.280         | 5170.800 | 5189.080 | ---         | ---     |
| 11A        | Ant1    | 5200            | 18.280         | 5190.880 | 5209.160 | ---         | ---     |
| 11A        | Ant2    | 5200            | 18.240         | 5190.800 | 5209.040 | ---         | ---     |
| 11A        | Ant1    | 5240            | 18.440         | 5230.800 | 5249.240 | ---         | ---     |
| 11A        | Ant2    | 5240            | 18.440         | 5230.680 | 5249.120 | ---         | ---     |
| 11N20MIMO  | Ant1    | 5180            | 19.360         | 5170.200 | 5189.560 | ---         | ---     |
| 11N20MIMO  | Ant2    | 5180            | 19.320         | 5170.240 | 5189.560 | ---         | ---     |
| 11N20MIMO  | Ant1    | 5200            | 19.480         | 5190.200 | 5209.680 | ---         | ---     |
| 11N20MIMO  | Ant2    | 5200            | 19.360         | 5190.280 | 5209.640 | ---         | ---     |
| 11N20MIMO  | Ant1    | 5240            | 19.240         | 5230.320 | 5249.560 | ---         | ---     |
| 11N20MIMO  | Ant2    | 5240            | 19.280         | 5230.280 | 5249.560 | ---         | ---     |
| 11N40MIMO  | Ant1    | 5190            | 39.520         | 5170.000 | 5209.520 | ---         | ---     |
| 11N40MIMO  | Ant2    | 5190            | 38.960         | 5170.400 | 5209.360 | ---         | ---     |
| 11N40MIMO  | Ant1    | 5230            | 39.120         | 5210.320 | 5249.440 | ---         | ---     |
| 11N40MIMO  | Ant2    | 5230            | 38.960         | 5210.400 | 5249.360 | ---         | ---     |
| 11AC20MIMO | Ant1    | 5180            | 19.320         | 5170.200 | 5189.520 | ---         | ---     |
| 11AC20MIMO | Ant2    | 5180            | 19.400         | 5170.360 | 5189.760 | ---         | ---     |
| 11AC20MIMO | Ant1    | 5200            | 19.400         | 5190.160 | 5209.560 | ---         | ---     |
| 11AC20MIMO | Ant2    | 5200            | 19.240         | 5190.320 | 5209.560 | ---         | ---     |
| 11AC20MIMO | Ant2    | 5240            | 19.400         | 5230.200 | 5249.600 | ---         | ---     |
| 11AC20MIMO | Ant1    | 5240            | 19.360         | 5230.240 | 5249.600 | ---         | ---     |
| 11AC40MIMO | Ant1    | 5190            | 38.960         | 5170.480 | 5209.440 | ---         | ---     |
| 11AC40MIMO | Ant2    | 5190            | 38.960         | 5170.320 | 5209.280 | ---         | ---     |
| 11AC40MIMO | Ant1    | 5230            | 38.880         | 5210.400 | 5249.280 | ---         | ---     |
| 11AC40MIMO | Ant2    | 5230            | 39.040         | 5210.320 | 5249.360 | ---         | ---     |
| 11AC80MIMO | Ant1    | 5210            | 87.360         | 5166.480 | 5253.840 | ---         | ---     |
| 11AC80MIMO | Ant2    | 5210            | 86.560         | 5166.960 | 5253.520 | ---         | ---     |
| 11AX20MIMO | Ant1    | 5180            | 20.280         | 5169.800 | 5190.080 | ---         | ---     |
| 11AX20MIMO | Ant2    | 5180            | 20.360         | 5169.880 | 5190.240 | ---         | ---     |
| 11AX20MIMO | Ant1    | 5200            | 20.440         | 5189.720 | 5210.160 | ---         | ---     |
| 11AX20MIMO | Ant2    | 5200            | 20.320         | 5189.840 | 5210.160 | ---         | ---     |
| 11AX20MIMO | Ant1    | 5240            | 20.440         | 5229.760 | 5250.200 | ---         | ---     |
| 11AX20MIMO | Ant2    | 5240            | 20.360         | 5229.800 | 5250.160 | ---         | ---     |
| 11AX40MIMO | Ant1    | 5190            | 39.920         | 5169.920 | 5209.840 | ---         | ---     |
| 11AX40MIMO | Ant2    | 5190            | 39.520         | 5170.240 | 5209.760 | ---         | ---     |
| 11AX40MIMO | Ant1    | 5230            | 39.600         | 5210.240 | 5249.840 | ---         | ---     |

|            |      |      |        |          |          |     |     |
|------------|------|------|--------|----------|----------|-----|-----|
| 11AX40MIMO | Ant2 | 5230 | 40.000 | 5209.840 | 5249.840 | --- | --- |
| 11AX80MIMO | Ant1 | 5210 | 80.640 | 5169.520 | 5250.160 | --- | --- |
| 11AX80MIMO | Ant2 | 5210 | 81.760 | 5168.880 | 5250.640 | --- | --- |



11A-Ant1-5180



11A-Ant2-5180



11A-Ant1-5200



11A-Ant2-5200



11A-Ant1-5240



11A-Ant2-5240



11N20MIMO-Ant1-5180



11N20MIMO-Ant2-5180



11N20MIMO-Ant1-5200



11N20MIMO-Ant2-5200



11N20MIMO-Ant1-5240



11N20MIMO-Ant2-5240



11N40MIMO-Ant1-5190



11N40MIMO-Ant2-5190



11N40MIMO-Ant1-5230



11N40MIMO-Ant2-5230



11AC20MIMO-Ant1-5180



11AC20MIMO-Ant2-5180



11AC20MIMO-Ant1-5200



11AC20MIMO-Ant2-5200



11AC20MIMO-Ant2-5240



11AC20MIMO-Ant1-5240



11AC40MIMO-Ant1-5190



11AC40MIMO-Ant2-5190



11AC40MIMO-Ant1-5230



11AC40MIMO-Ant2-5230



11AC80MIMO-Ant1-5210



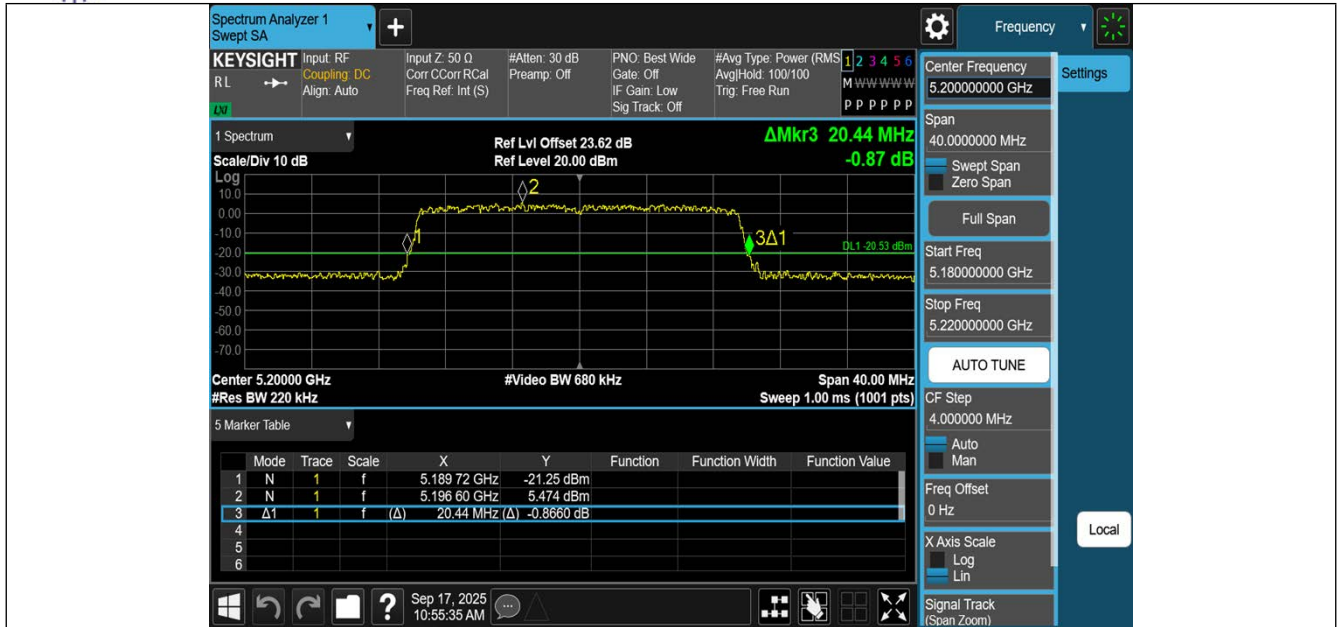
11AC80MIMO-Ant2-5210



11AX20MIMO-Ant1-5180



11AX20MIMO-Ant2-5180



11AX20MIMO-Ant1-5200



11AX20MIMO-Ant2-5200



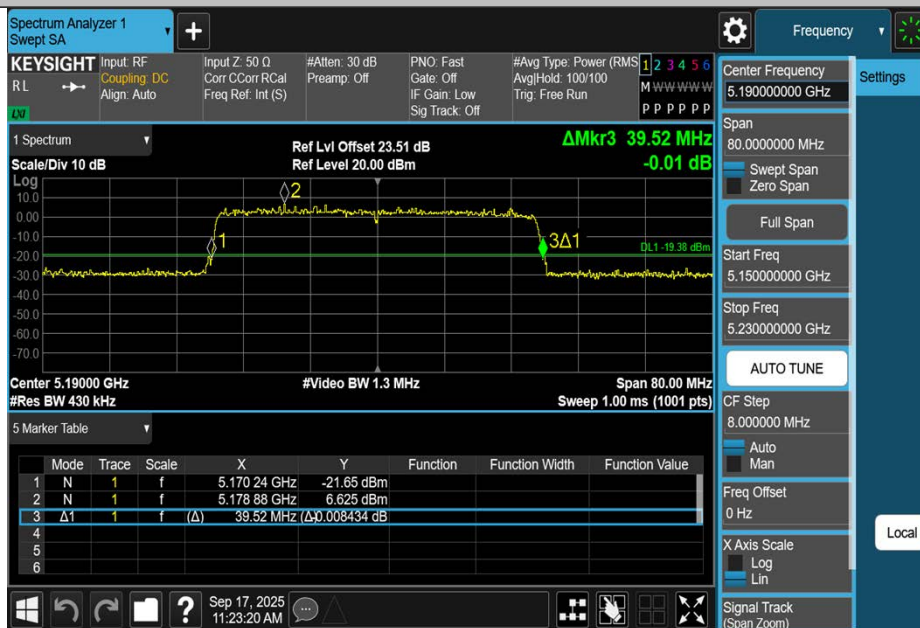
11AX20MIMO-Ant1-5240



11AX20MIMO-Ant2-5240



11AX40MIMO-Ant1-5190



11AX40MIMO-Ant2-5190



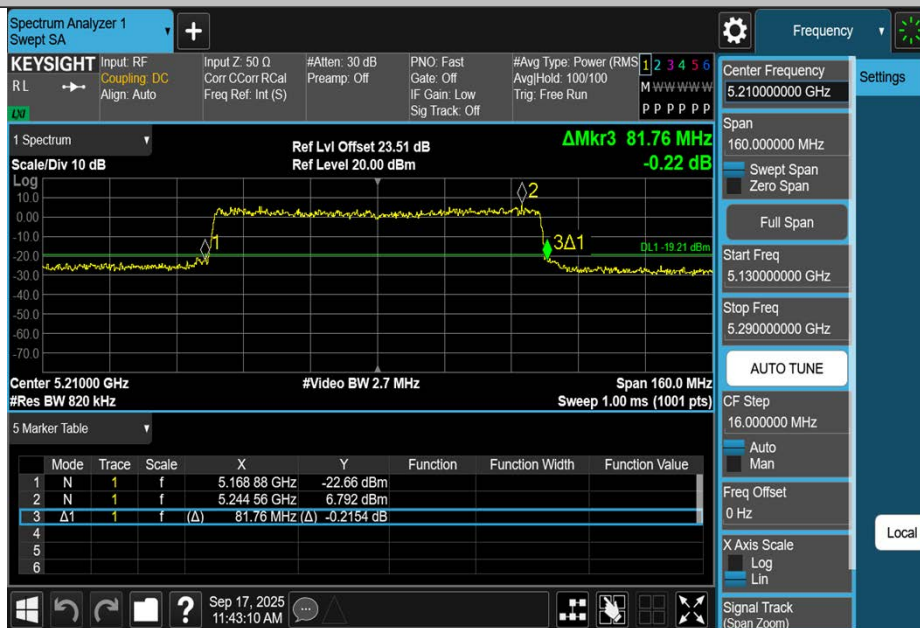
11AX40MIMO-Ant1-5230



11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210

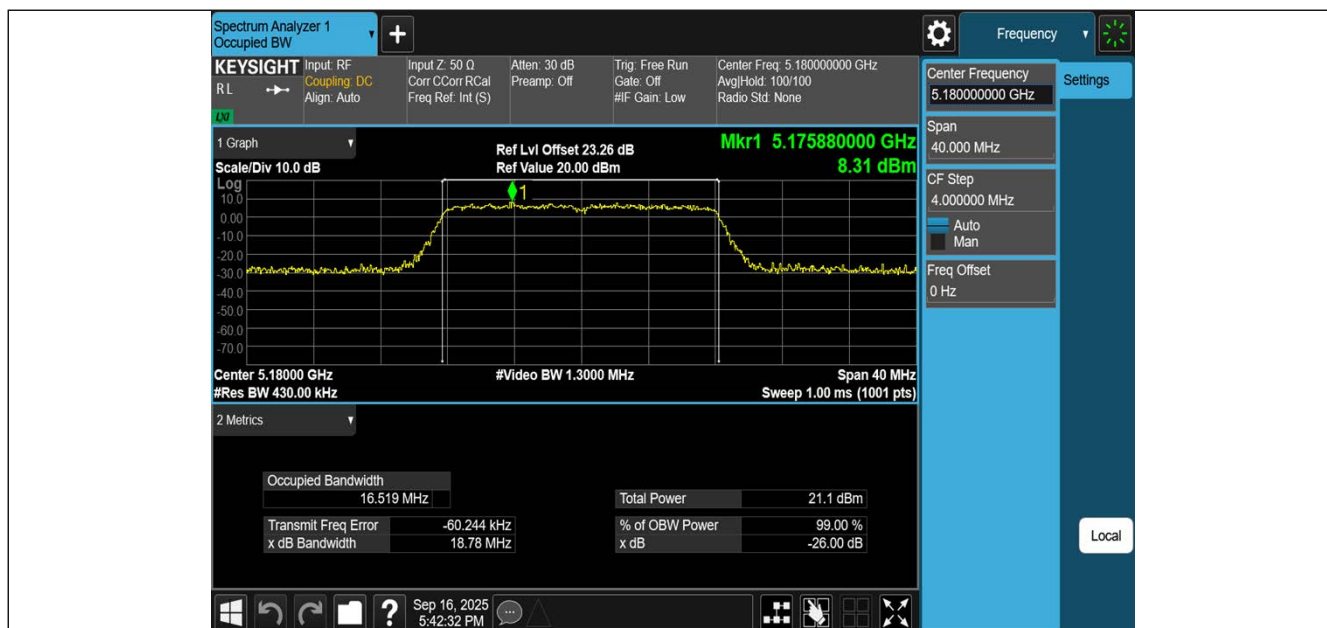


11AX80MIMO-Ant2-5210

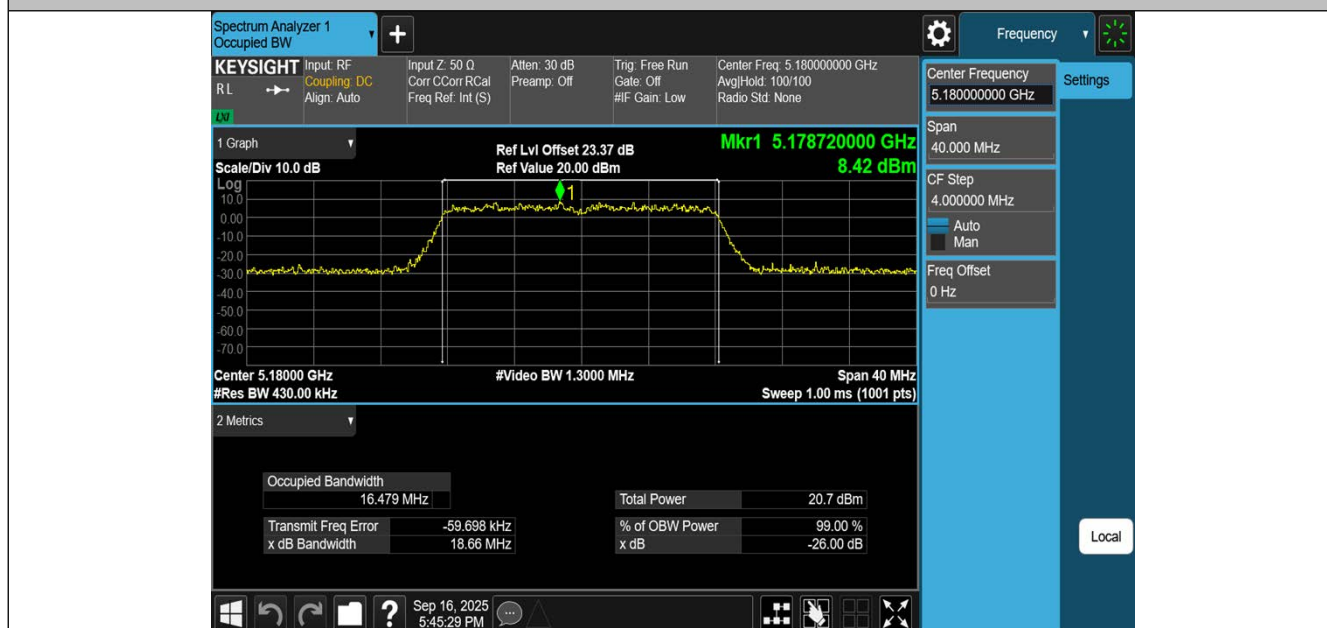
### Occupied channel bandwidth

| Test Mode  | Antenna | Frequency [MHz] | OCB [MHz] | FL [MHz]  | FH [MHz]  | Limit [MHz] | Verdict |
|------------|---------|-----------------|-----------|-----------|-----------|-------------|---------|
| 11A        | Ant1    | 5180            | 16.519    | 5171.6803 | 5188.1993 | ---         | ---     |
| 11A        | Ant2    | 5180            | 16.479    | 5171.7008 | 5188.1798 | ---         | ---     |
| 11A        | Ant1    | 5200            | 16.520    | 5191.7121 | 5208.2321 | ---         | ---     |
| 11A        | Ant2    | 5200            | 16.468    | 5191.7146 | 5208.1826 | ---         | ---     |
| 11A        | Ant1    | 5240            | 16.507    | 5231.7061 | 5248.2131 | ---         | ---     |
| 11A        | Ant2    | 5240            | 16.454    | 5231.7327 | 5248.1867 | ---         | ---     |
| 11N20MIMO  | Ant1    | 5180            | 17.663    | 5171.1083 | 5188.7713 | ---         | ---     |
| 11N20MIMO  | Ant2    | 5180            | 17.679    | 5171.0887 | 5188.7677 | ---         | ---     |
| 11N20MIMO  | Ant1    | 5200            | 17.633    | 5191.1142 | 5208.7472 | ---         | ---     |
| 11N20MIMO  | Ant2    | 5200            | 17.633    | 5191.1223 | 5208.7553 | ---         | ---     |
| 11N20MIMO  | Ant1    | 5240            | 17.657    | 5231.1149 | 5248.7719 | ---         | ---     |
| 11N20MIMO  | Ant2    | 5240            | 17.635    | 5231.1178 | 5248.7528 | ---         | ---     |
| 11N40MIMO  | Ant1    | 5190            | 36.182    | 5171.8120 | 5207.9940 | ---         | ---     |
| 11N40MIMO  | Ant2    | 5190            | 36.148    | 5171.8085 | 5207.9565 | ---         | ---     |
| 11N40MIMO  | Ant1    | 5230            | 36.161    | 5211.8374 | 5247.9984 | ---         | ---     |
| 11N40MIMO  | Ant2    | 5230            | 36.196    | 5211.7951 | 5247.9911 | ---         | ---     |
| 11AC20MIMO | Ant1    | 5180            | 17.655    | 5171.1105 | 5188.7655 | ---         | ---     |
| 11AC20MIMO | Ant2    | 5180            | 17.658    | 5171.1082 | 5188.7662 | ---         | ---     |
| 11AC20MIMO | Ant1    | 5200            | 17.639    | 5191.1114 | 5208.7504 | ---         | ---     |
| 11AC20MIMO | Ant2    | 5200            | 17.655    | 5191.1140 | 5208.7690 | ---         | ---     |
| 11AC20MIMO | Ant1    | 5240            | 17.652    | 5231.1121 | 5248.7641 | ---         | ---     |
| 11AC20MIMO | Ant2    | 5240            | 17.661    | 5231.1171 | 5248.7781 | ---         | ---     |
| 11AC40MIMO | Ant1    | 5190            | 36.145    | 5171.8553 | 5208.0003 | ---         | ---     |
| 11AC40MIMO | Ant2    | 5190            | 36.131    | 5171.8316 | 5207.9626 | ---         | ---     |
| 11AC40MIMO | Ant1    | 5230            | 36.123    | 5211.8617 | 5247.9847 | ---         | ---     |
| 11AC40MIMO | Ant2    | 5230            | 36.151    | 5211.8188 | 5247.9698 | ---         | ---     |
| 11AC80MIMO | Ant1    | 5210            | 76.720    | 5171.5808 | 5248.3008 | ---         | ---     |
| 11AC80MIMO | Ant2    | 5210            | 76.706    | 5171.6285 | 5248.3345 | ---         | ---     |
| 11AX20MIMO | Ant1    | 5180            | 18.982    | 5170.4424 | 5189.4244 | ---         | ---     |
| 11AX20MIMO | Ant2    | 5180            | 18.905    | 5170.4843 | 5189.3893 | ---         | ---     |
| 11AX20MIMO | Ant1    | 5200            | 18.967    | 5190.4522 | 5209.4192 | ---         | ---     |
| 11AX20MIMO | Ant2    | 5200            | 18.995    | 5190.4623 | 5209.4573 | ---         | ---     |
| 11AX20MIMO | Ant1    | 5240            | 18.972    | 5230.4641 | 5249.4361 | ---         | ---     |
| 11AX20MIMO | Ant2    | 5240            | 18.998    | 5230.4443 | 5249.4423 | ---         | ---     |

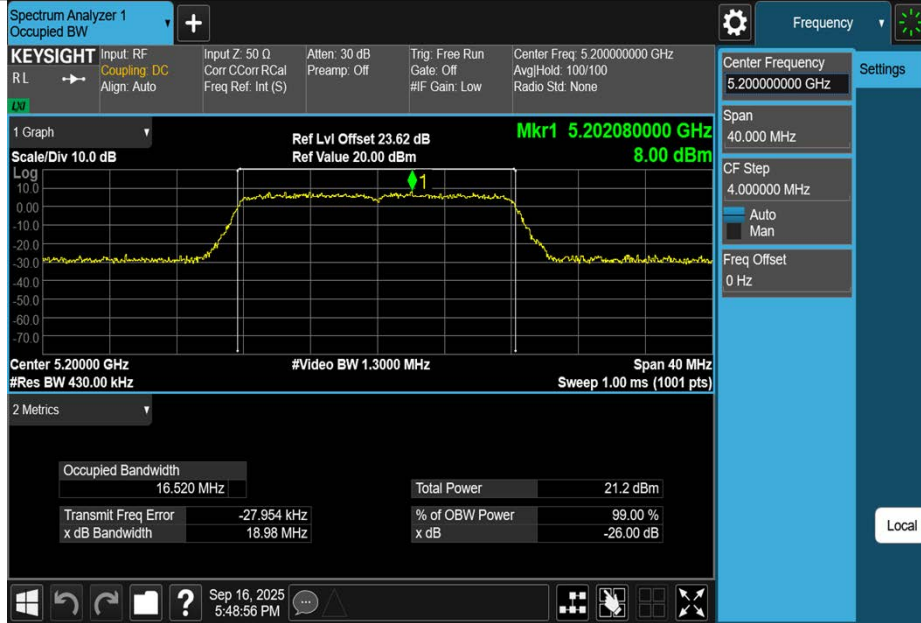
|            |      |      |        |           |           |     |     |
|------------|------|------|--------|-----------|-----------|-----|-----|
| 11AX40MIMO | Ant1 | 5190 | 37.837 | 5170.9674 | 5208.8044 | --- | --- |
| 11AX40MIMO | Ant2 | 5190 | 37.749 | 5171.0113 | 5208.7603 | --- | --- |
| 11AX40MIMO | Ant1 | 5230 | 37.742 | 5211.0392 | 5248.7812 | --- | --- |
| 11AX40MIMO | Ant2 | 5230 | 37.775 | 5211.0033 | 5248.7783 | --- | --- |
| 11AX80MIMO | Ant1 | 5210 | 77.593 | 5171.1574 | 5248.7504 | --- | --- |
| 11AX80MIMO | Ant2 | 5210 | 77.658 | 5171.1070 | 5248.7650 | --- | --- |



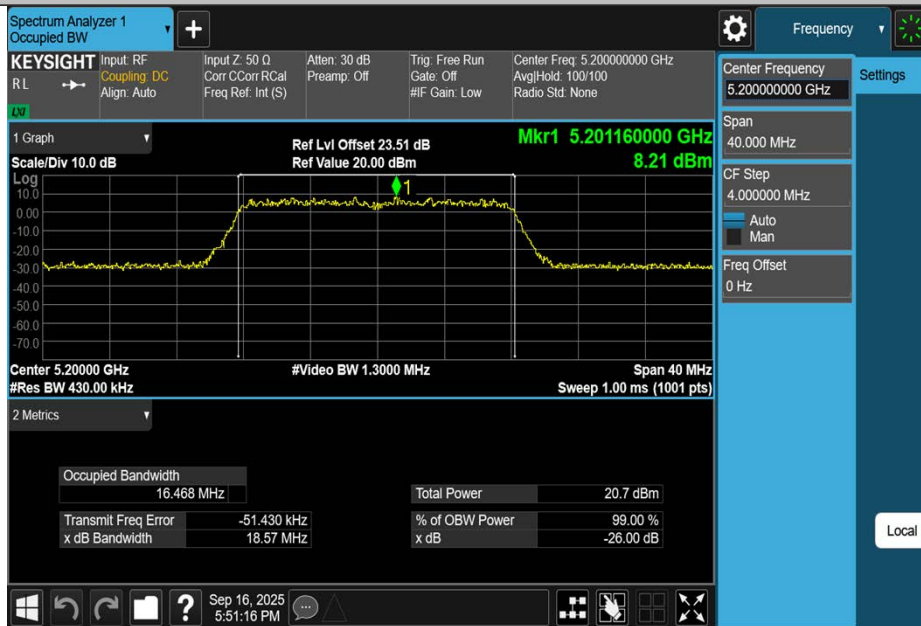
11A-Ant1-5180



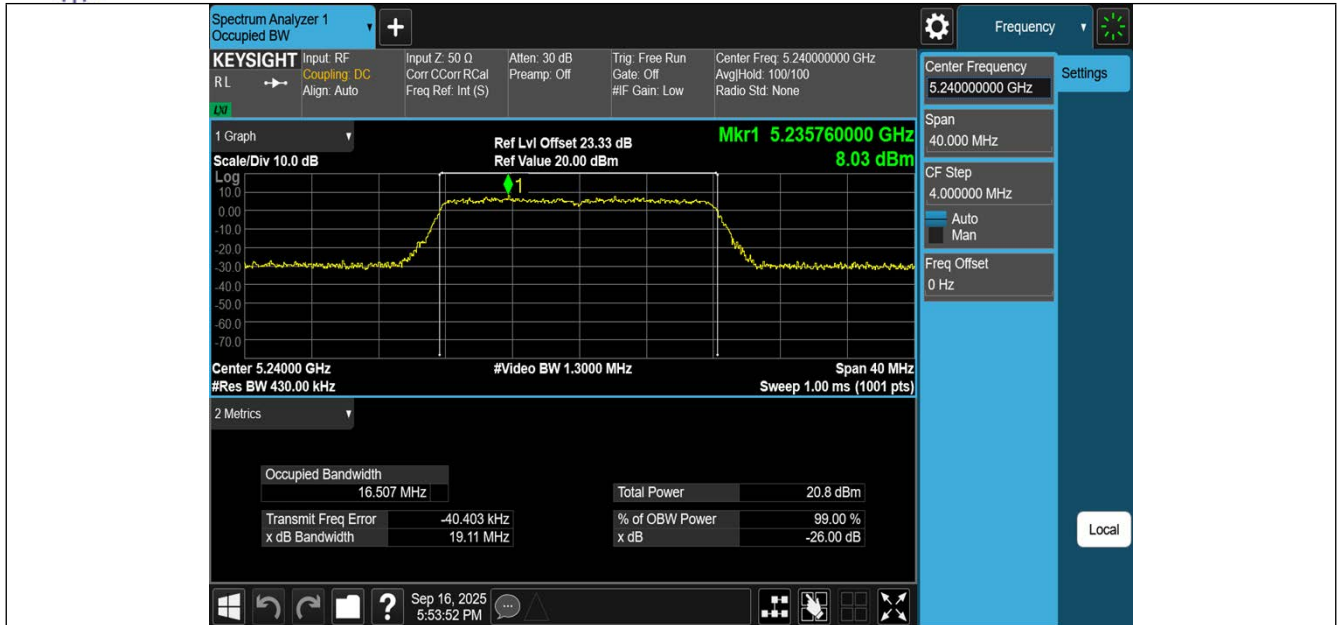
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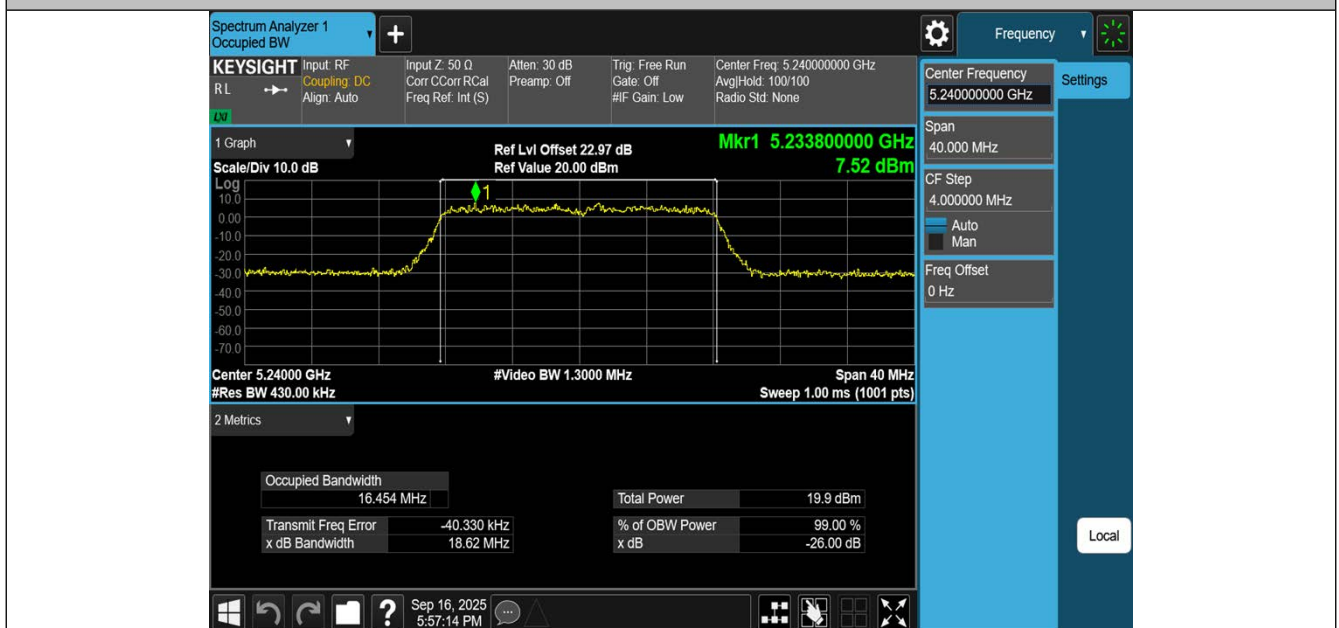
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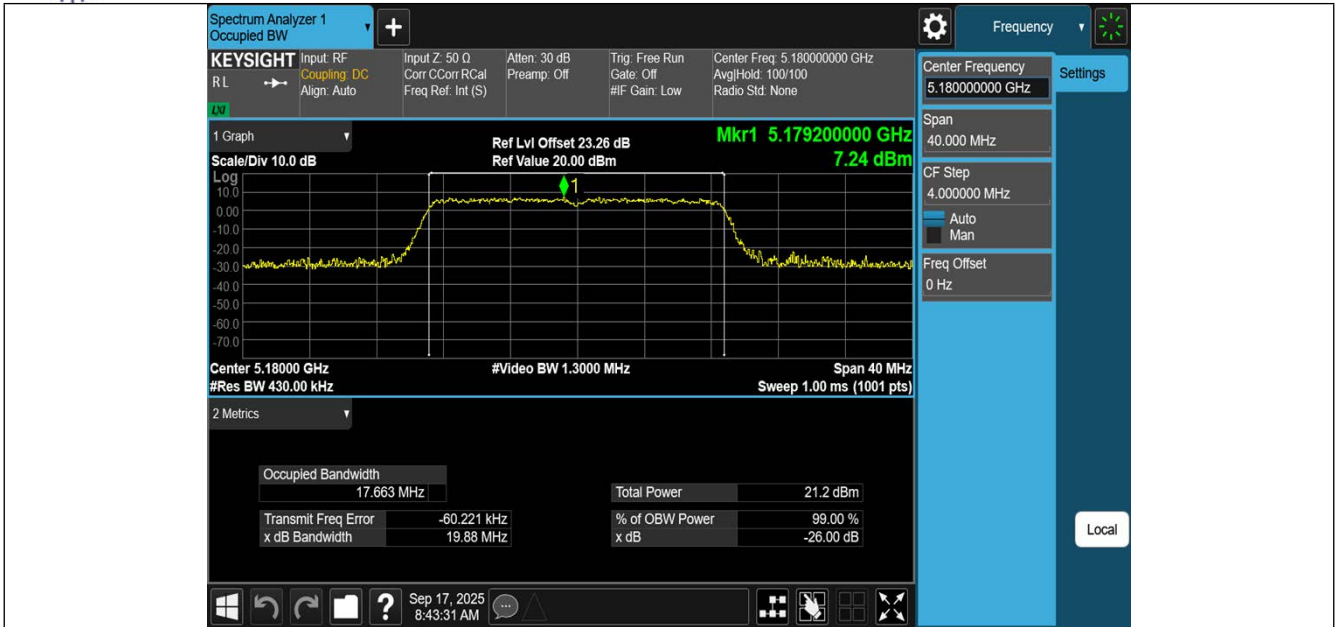
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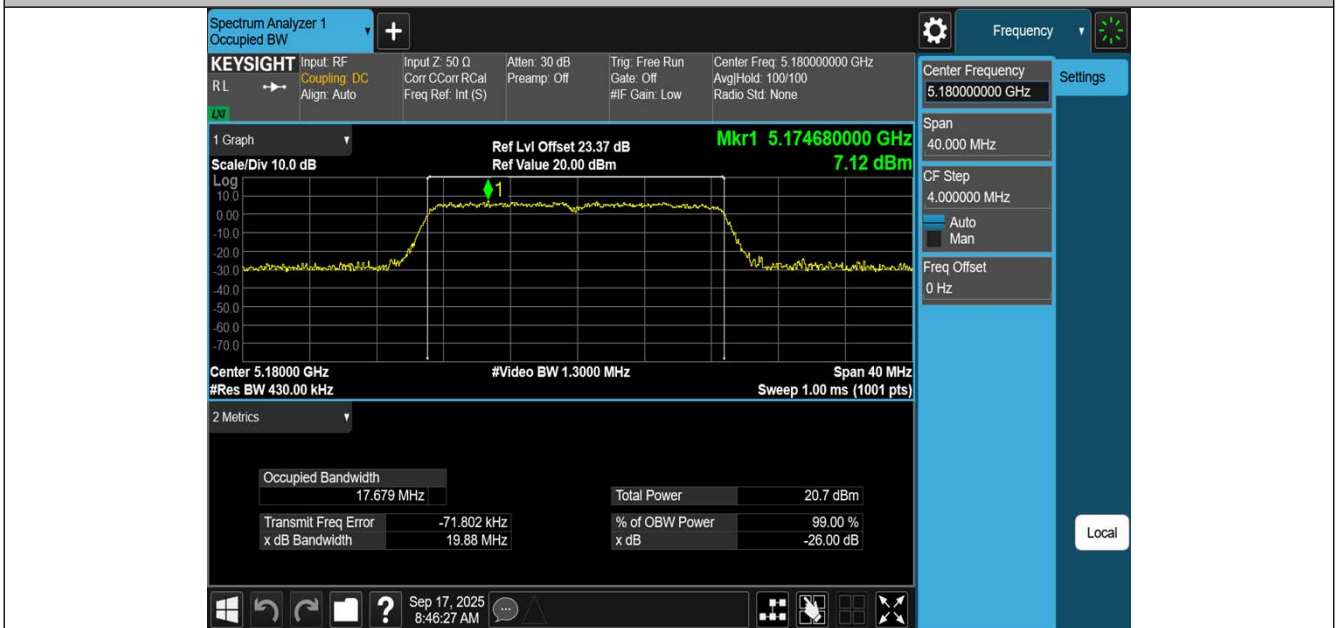
11A-Ant1-5240



11A-Ant2-5240



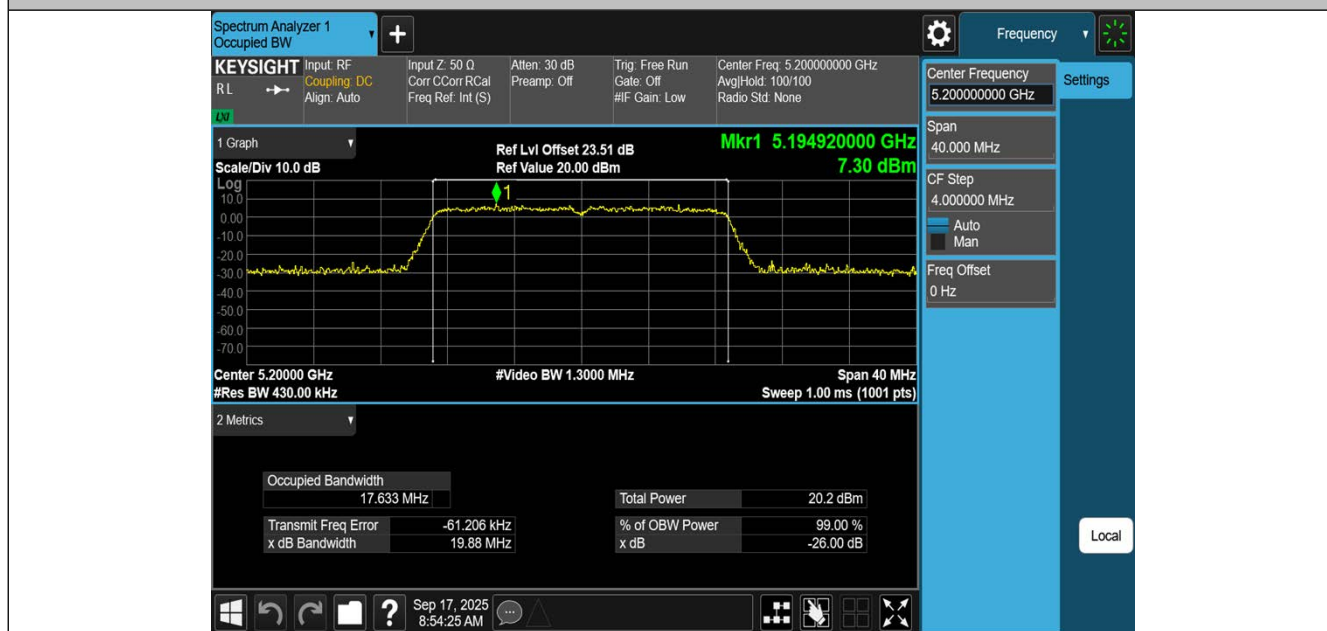
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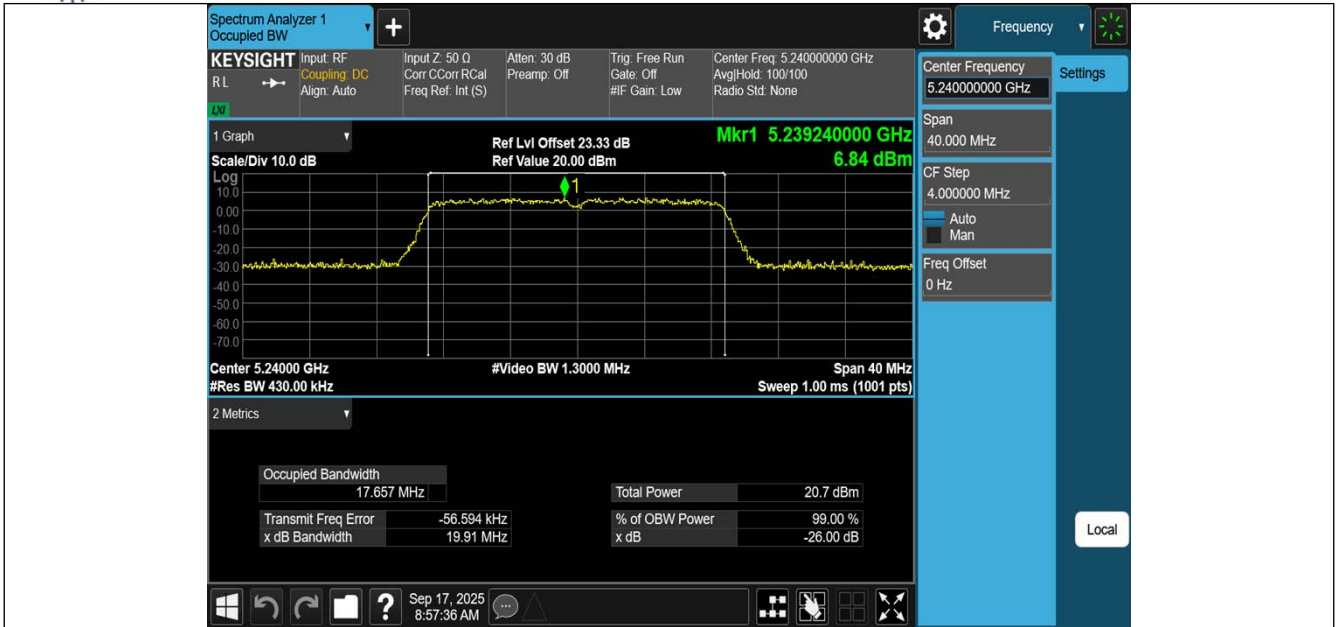
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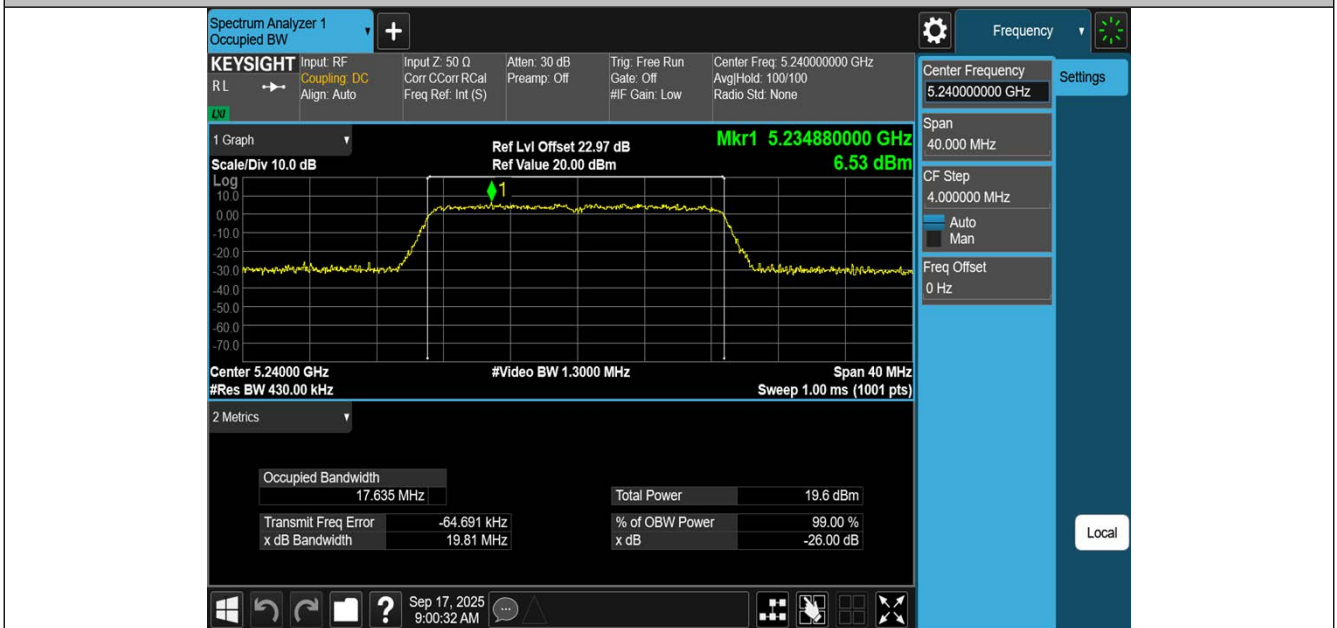
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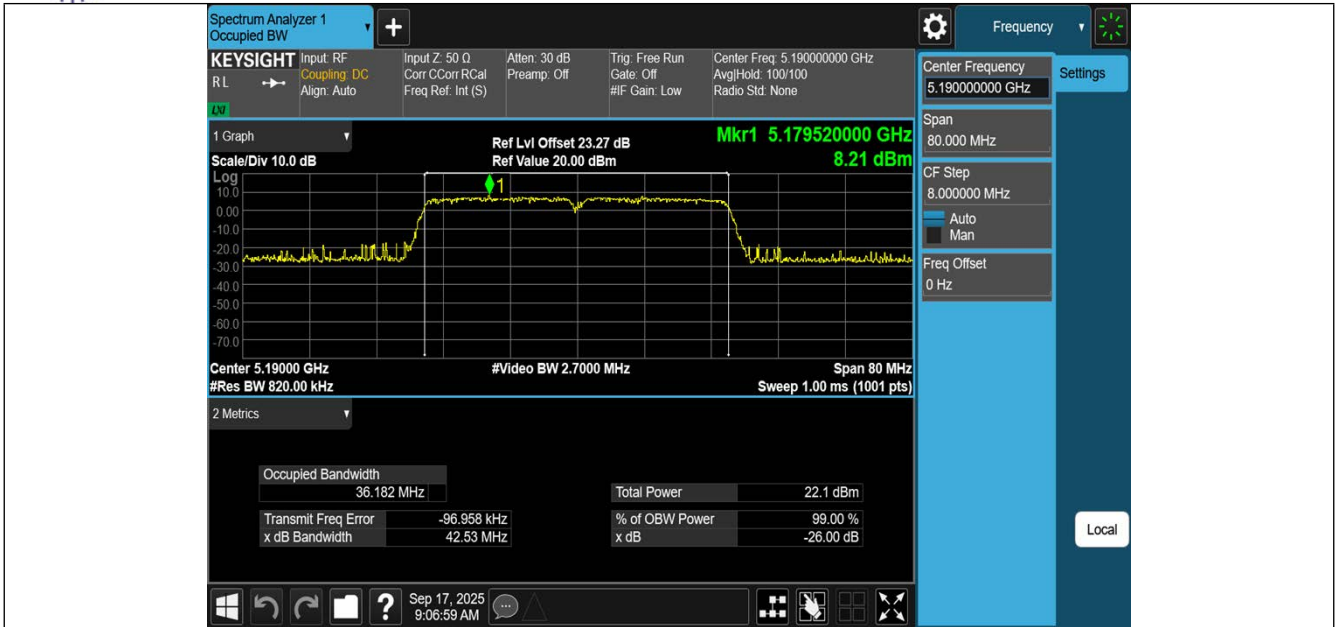
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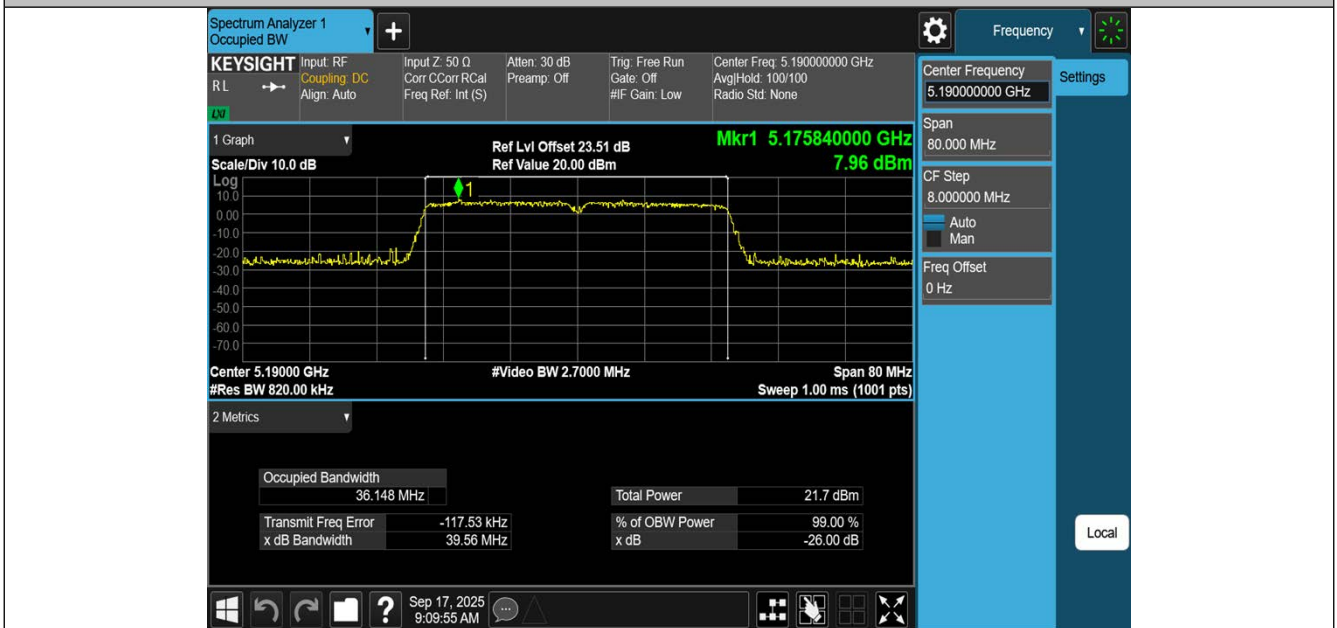
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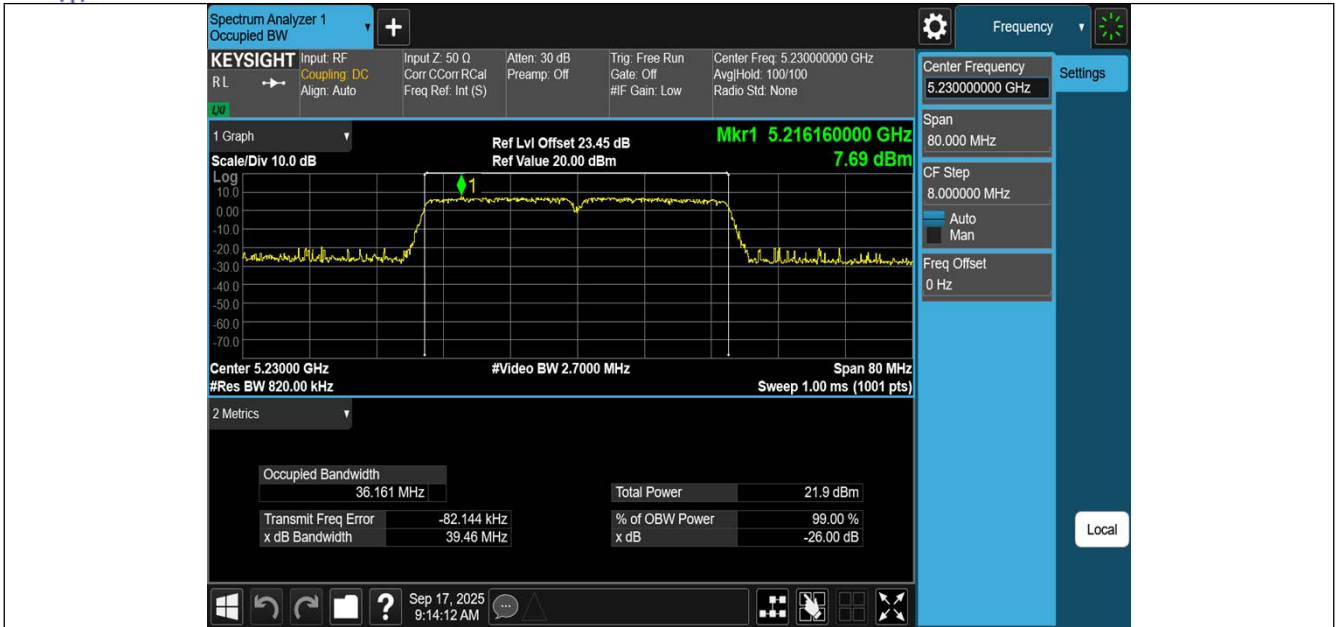
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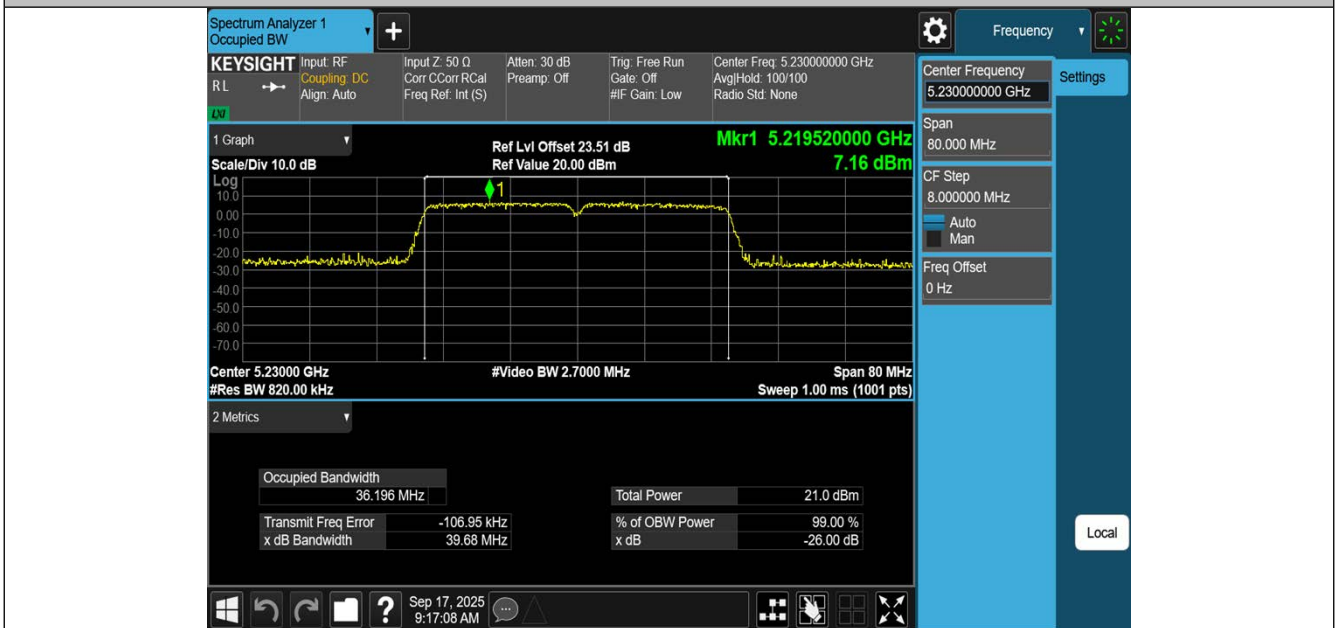
11N40MIMO-Ant1-5190



11N40MIMO-Ant2-5190



11N40MIMO-Ant1-5230



11N40MIMO-Ant2-5230