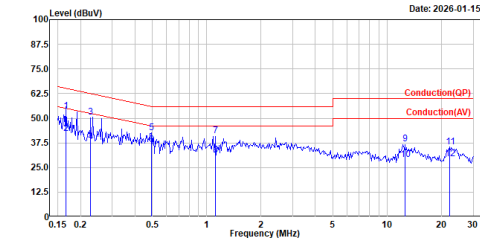


## Appendix A. Test Result of AC Power Line Conducted Emission

### TX ac80 5775MHz Line

Site :HY-SR01  
Condition :Line  
Mode :TX\_ac80\_5775MHz  
test by :Neko



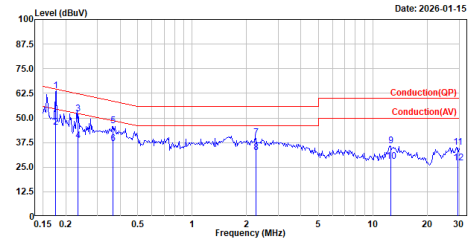
| No. | Frequency | Level | Limit | Over   | Read  | Factor | Remark  |
|-----|-----------|-------|-------|--------|-------|--------|---------|
|     | MHz       | dBuV  | Line  | Limit  | Level | dB     |         |
| 1   | 0.166     | 53.58 | 65.17 | -11.59 | 44.01 | 9.57   | QP      |
| 2   | 0.166     | 42.11 | 55.17 | -13.06 | 32.54 | 9.57   | Average |
| 3   | 0.228     | 50.61 | 62.53 | -11.92 | 41.05 | 9.56   | QP      |
| 4   | 0.228     | 37.97 | 52.53 | -14.56 | 28.41 | 9.56   | Average |
| 5   | 0.495     | 42.79 | 56.08 | -13.29 | 33.20 | 9.59   | QP      |
| 6   | 0.495     | 36.62 | 46.08 | -9.46  | 27.03 | 9.59   | Average |
| 7   | 1.114     | 41.16 | 56.00 | -14.84 | 31.52 | 9.64   | QP      |
| 8   | 1.114     | 31.40 | 46.00 | -14.60 | 21.76 | 9.64   | Average |
| 9   | 12.578    | 36.97 | 60.00 | -23.03 | 27.02 | 9.95   | QP      |
| 10  | 12.578    | 29.06 | 50.00 | -20.94 | 19.11 | 9.95   | Average |
| 11  | 22.217    | 35.34 | 60.00 | -24.66 | 25.48 | 9.86   | QP      |
| 12  | 22.217    | 29.52 | 50.00 | -20.48 | 19.66 | 9.86   | Average |

Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

### TX ac80 5775MHz Neutral

Site :HY-SR01  
Condition :Neutral  
Mode :TX\_ac80\_5775MHz  
test by :Neko



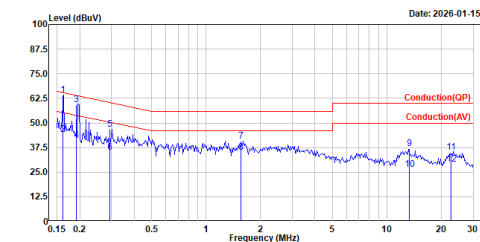
| No. | Frequency | Level | Limit | Over   | Read  | Factor | Remark  |
|-----|-----------|-------|-------|--------|-------|--------|---------|
|     | MHz       | dBuV  | Line  | Limit  | Level | dB     |         |
| 1   | 0.175     | 63.96 | 64.70 | -0.74  | 54.39 | 9.57   | QP      |
| 2   | 0.175     | 45.44 | 54.70 | -9.26  | 35.87 | 9.57   | Average |
| 3   | 0.233     | 52.16 | 62.34 | -10.18 | 42.58 | 9.58   | QP      |
| 4   | 0.233     | 38.34 | 52.34 | -14.00 | 28.76 | 9.58   | Average |
| 5   | 0.365     | 45.98 | 58.60 | -12.62 | 36.40 | 9.58   | QP      |
| 6   | 0.365     | 36.86 | 48.60 | -11.74 | 27.28 | 9.58   | Average |
| 7   | 2.252     | 40.08 | 56.00 | -15.92 | 30.33 | 9.75   | QP      |
| 8   | 2.252     | 32.59 | 46.00 | -13.41 | 22.84 | 9.75   | Average |
| 9   | 12.598    | 35.89 | 60.00 | -24.11 | 25.85 | 10.04  | QP      |
| 10  | 12.598    | 27.99 | 50.00 | -22.01 | 17.95 | 10.04  | Average |
| 11  | 29.496    | 35.08 | 60.00 | -24.92 | 24.96 | 10.12  | QP      |
| 12  | 29.496    | 27.22 | 50.00 | -22.78 | 17.10 | 10.12  | Average |

Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

### TX be80 5775MHz Line

Site :HY-SR01  
Condition :Line  
Mode :TX\_be80\_5775MHz  
test by :Neko



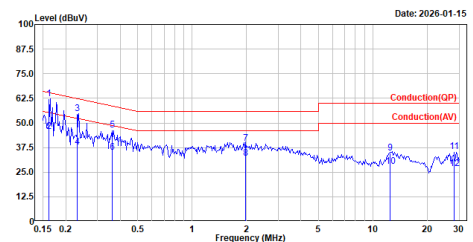
| No. | Frequency | Level | Limit | Over   | Read  | Factor | Remark  |
|-----|-----------|-------|-------|--------|-------|--------|---------|
|     | MHz       | dBuV  | Line  | Limit  | Level | dB     |         |
| 1   | 0.162     | 64.03 | 65.36 | -1.33  | 54.46 | 9.57   | QP      |
| 2   | 0.162     | 44.09 | 55.36 | -11.27 | 34.52 | 9.57   | Average |
| 3   | 0.191     | 59.42 | 63.97 | -4.55  | 49.86 | 9.56   | QP      |
| 4   | 0.191     | 41.16 | 53.97 | -12.81 | 31.60 | 9.56   | Average |
| 5   | 0.293     | 46.63 | 60.44 | -13.81 | 37.05 | 9.58   | QP      |
| 6   | 0.293     | 35.06 | 60.44 | -15.38 | 25.48 | 9.58   | Average |
| 7   | 1.561     | 40.86 | 56.00 | -15.14 | 31.18 | 9.68   | QP      |
| 8   | 1.561     | 35.06 | 46.00 | -10.94 | 25.38 | 9.68   | Average |
| 9   | 13.294    | 36.91 | 60.00 | -23.09 | 27.03 | 9.88   | QP      |
| 10  | 13.294    | 26.58 | 50.00 | -23.42 | 16.70 | 9.88   | Average |
| 11  | 22.622    | 35.12 | 60.00 | -24.88 | 25.26 | 9.86   | QP      |
| 12  | 22.622    | 29.10 | 50.00 | -20.90 | 19.24 | 9.86   | Average |

Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

### TX be80 5775MHz Neutral

Site :HY-SR01  
Condition :Neutral  
Mode :TX\_be80\_5775MHz  
test by :Neko



| No. | Frequency | Level | Limit | Over   | Read  | Factor | Remark  |
|-----|-----------|-------|-------|--------|-------|--------|---------|
|     | MHz       | dBuV  | Line  | Limit  | Level | dB     |         |
| 1   | 0.162     | 62.13 | 65.38 | -3.25  | 52.56 | 9.57   | QP      |
| 2   | 0.162     | 45.59 | 55.38 | -9.79  | 36.02 | 9.57   | Average |
| 3   | 0.233     | 54.79 | 62.35 | -7.56  | 45.21 | 9.58   | QP      |
| 4   | 0.233     | 37.81 | 52.35 | -14.54 | 28.23 | 9.58   | Average |
| 5   | 0.362     | 46.37 | 58.68 | -12.31 | 36.79 | 9.58   | QP      |
| 6   | 0.362     | 35.00 | 48.68 | -13.68 | 25.42 | 9.58   | Average |
| 7   | 1.973     | 39.48 | 56.00 | -16.52 | 29.77 | 9.71   | QP      |
| 8   | 1.973     | 32.18 | 46.00 | -13.82 | 22.47 | 9.71   | Average |
| 9   | 12.460    | 34.78 | 60.00 | -25.22 | 24.73 | 10.05  | QP      |
| 10  | 12.460    | 27.87 | 50.00 | -22.13 | 17.82 | 10.05  | Average |
| 11  | 28.051    | 35.35 | 60.00 | -24.65 | 25.23 | 10.12  | QP      |
| 12  | 28.051    | 26.67 | 50.00 | -23.33 | 16.55 | 10.12  | Average |

Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

## Appendix B. Test Result of Emission Bandwidth

| Modulation      | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|-----------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                 |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11a (20MHz) | 5180            | 17.02                        | 17.06  | 22.96                | 22.48  | -                                       |               |
|                 | 5220            | 32.05                        | 31.77  | 24.08                | 22.64  | -                                       |               |
|                 | 5240            | 32.57                        | 31.93  | 24.24                | 23.08  | -                                       |               |
| Modulation      | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                 |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11a (20MHz) | 5745            | 32.53                        | 30.57  | 16.04                | 16.32  | -                                       | $\geq 0.5$    |
|                 | 5785            | 34.53                        | 32.09  | 16.36                | 16.44  | -                                       | $\geq 0.5$    |
|                 | 5825            | 33.61                        | 33.13  | 16.28                | 16.28  | -                                       | $\geq 0.5$    |

| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|------------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11ac (20MHz) | 5180            | 17.86                        | 18.02  | 22.88                | 22.96  | -                                       |               |
|                  | 5220            | 30.41                        | 29.17  | 24.72                | 23.32  | -                                       |               |
|                  | 5240            | 33.13                        | 33.17  | 25.08                | 23.68  | -                                       |               |
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11ac (20MHz) | 5745            | 33.69                        | 31.65  | 17.56                | 17.64  | -                                       | $\geq 0.5$    |
|                  | 5785            | 35.08                        | 33.25  | 17.60                | 17.60  | -                                       | $\geq 0.5$    |
|                  | 5825            | 34.01                        | 34.21  | 16.92                | 17.68  | -                                       | $\geq 0.5$    |

| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|------------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11ac (40MHz) | 5190            | 36.68                        | 36.68  | 44.32                | 44.48  | -                                       |               |
|                  | 5230            | 39.72                        | 37.08  | 44.48                | 44.64  | -                                       |               |
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11ac (40MHz) | 5755            | 43.80                        | 36.92  | 36.56                | 36.40  | -                                       | $\geq 0.5$    |
|                  | 5795            | 64.18                        | 51.31  | 36.40                | 36.48  | -                                       | $\geq 0.5$    |

| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|------------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11ac (80MHz) | 5210            | 76.56                        | 75.92  | 90.88                | 87.68  | -                                       |               |
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11ac (80MHz) | 5775            | 76.40                        | 76.08  | 76.48                | 75.68  | -                                       | $\geq 0.5$    |

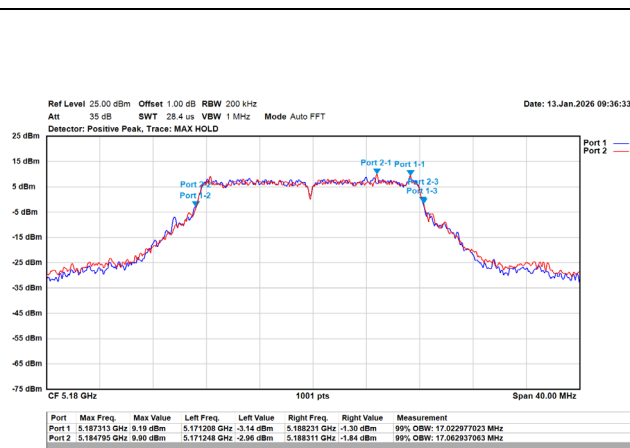
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|------------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11be (20MHz) | 5180            | 19.14                        | 19.06  | 23.32                | 23.16  | -                                       |               |
|                  | 5220            | 29.65                        | 27.61  | 23.52                | 22.92  | -                                       |               |
|                  | 5240            | 32.97                        | 31.77  | 23.32                | 23.24  | -                                       |               |
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11be (20MHz) | 5745            | 33.13                        | 31.25  | 19.16                | 18.88  | -                                       | $\geq 0.5$    |
|                  | 5785            | 34.77                        | 31.97  | 19.04                | 19.12  | -                                       | $\geq 0.5$    |
|                  | 5825            | 33.85                        | 33.53  | 18.80                | 19.08  | -                                       | $\geq 0.5$    |

| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|------------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11be (40MHz) | 5190            | 38.04                        | 38.12  | 43.84                | 43.84  | -                                       |               |
|                  | 5230            | 38.60                        | 38.44  | 44.08                | 42.96  | -                                       |               |
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11be (40MHz) | 5755            | 41.88                        | 38.20  | 38.16                | 38.16  | -                                       | $\geq 0.5$    |
|                  | 5795            | 60.34                        | 48.11  | 38.24                | 38.08  | -                                       | $\geq 0.5$    |

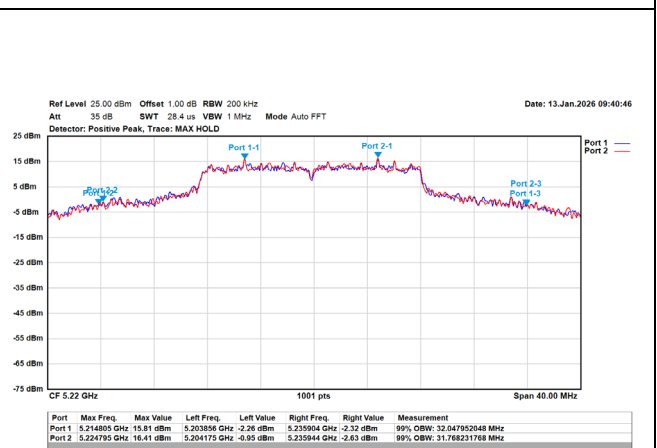
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)                             |               |
|------------------|-----------------|------------------------------|--------|----------------------|--------|-----------------------------------------|---------------|
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth & 26dB Bandwidth |               |
| 802.11be (80MHz) | 5210            | 77.52                        | 77.52  | 84.00                | 82.88  | -                                       |               |
| Modulation       | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)                             |               |
|                  |                 | Ant. 1                       | Ant. 2 | Ant. 1               | Ant. 2 | 99% Occupied Bandwidth                  | 6dB Bandwidth |
| 802.11be (80MHz) | 5775            | 78.00                        | 77.68  | 78.08                | 78.08  | -                                       | $\geq 0.5$    |

**For 99% Occupied Bandwidth:**

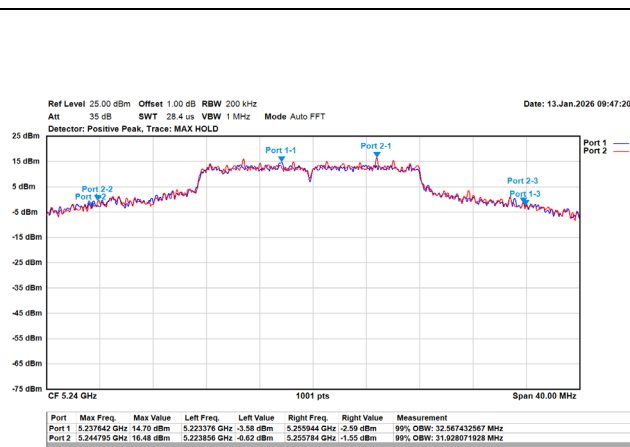
802.11a/20MHz/6M/5180MHz/Ch36



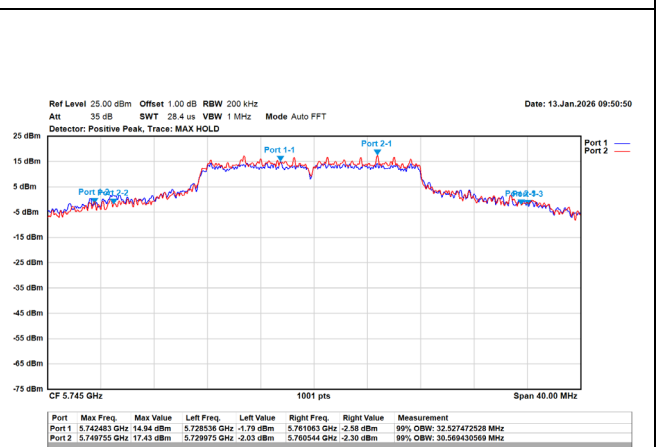
802.11a/20MHz/6M/5220MHz/Ch44



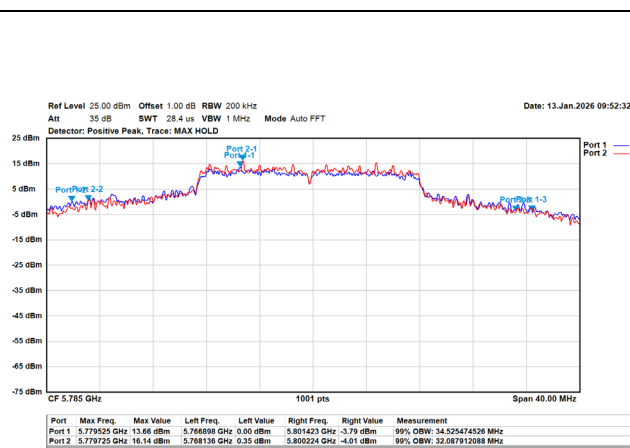
802.11a/20MHz/6M/5240MHz/Ch48



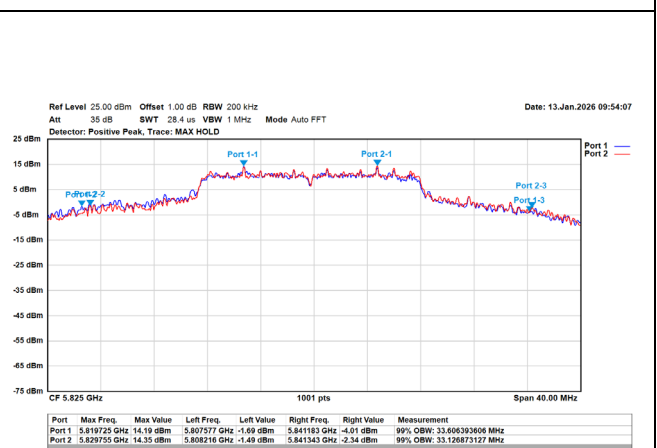
802.11a/20MHz/6M/5745MHz/Ch149



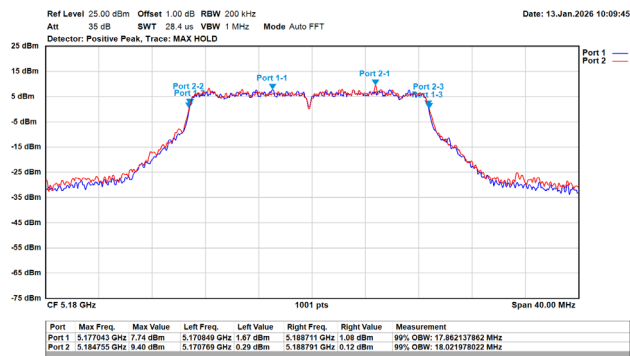
802.11a/20MHz/6M/5785MHz/Ch157



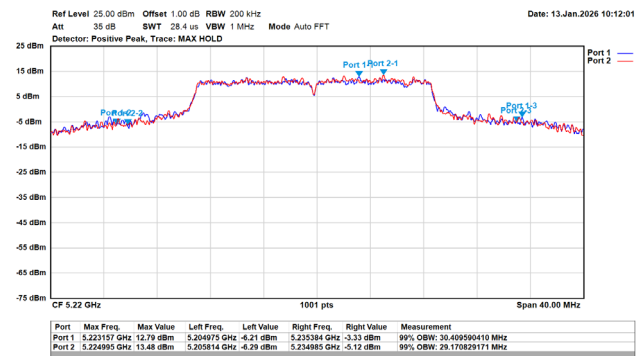
802.11a/20MHz/6M/5825MHz/Ch165



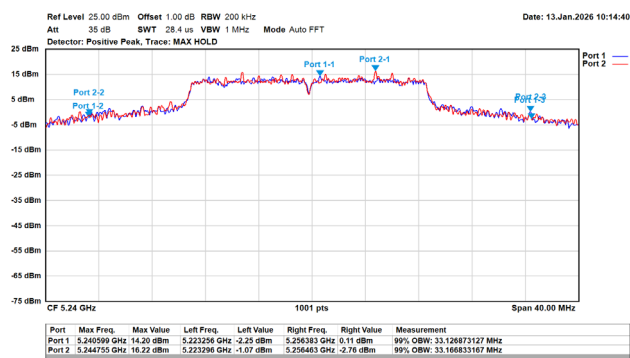
## 802.11ac/20MHz/MCS0/5180MHz/Ch36



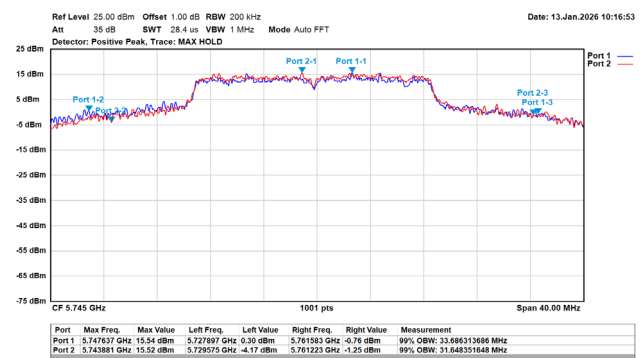
## 802.11ac/20MHz/MCS0/5220MHz/Ch44



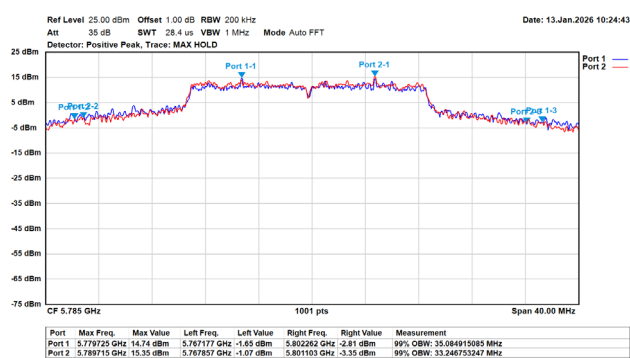
## 802.11ac/20MHz/MCS0/5240MHz/Ch48



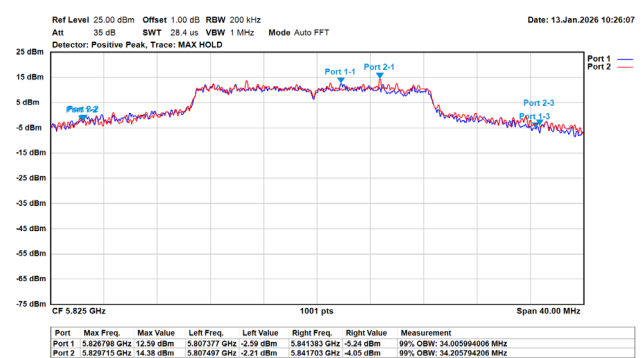
## 802.11ac/20MHz/MCS0/5745MHz/Ch149



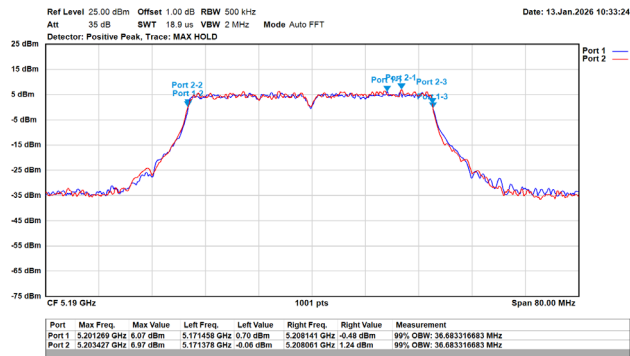
## 802.11ac/20MHz/MCS0/5785MHz/Ch157



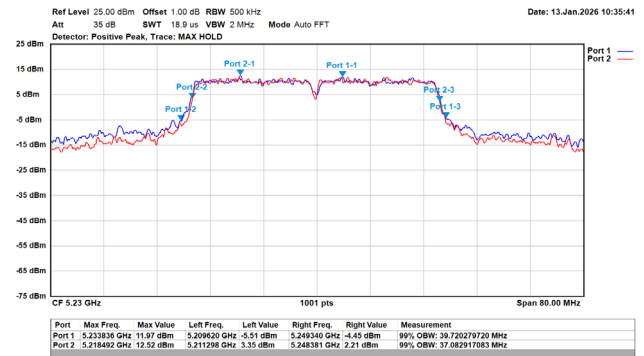
## 802.11ac/20MHz/MCS0/5825MHz/Ch165



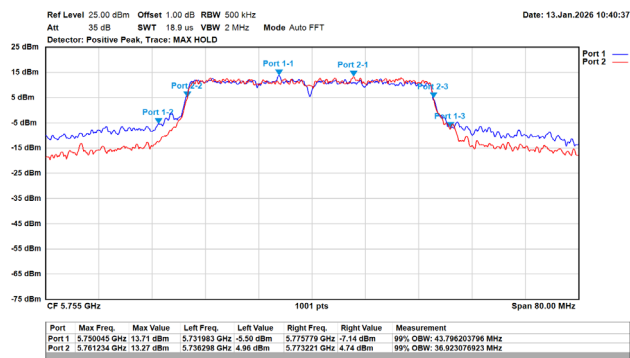
## 802.11ac/40MHz/MCS0/5190MHz/Ch38



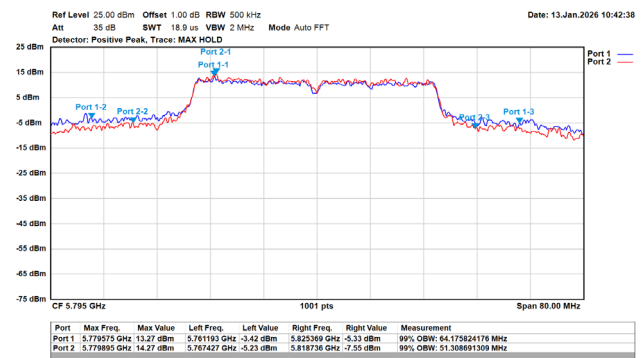
## 802.11ac/40MHz/MCS0/5230MHz/Ch46



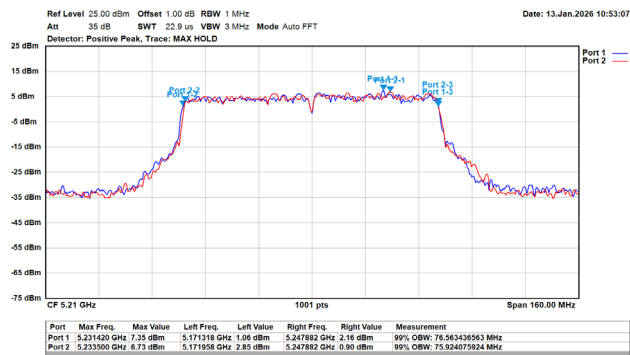
## 802.11ac/40MHz/MCS0/5755MHz/Ch151



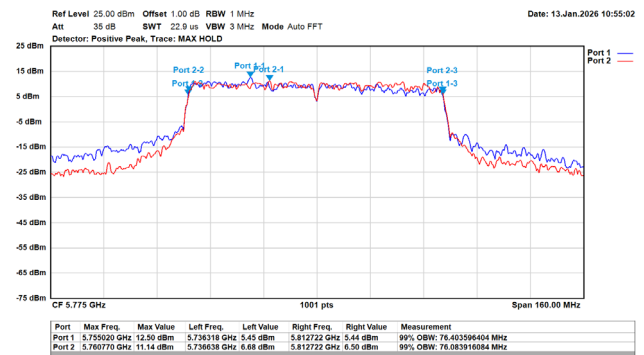
## 802.11ac/40MHz/MCS0/5795MHz/Ch159



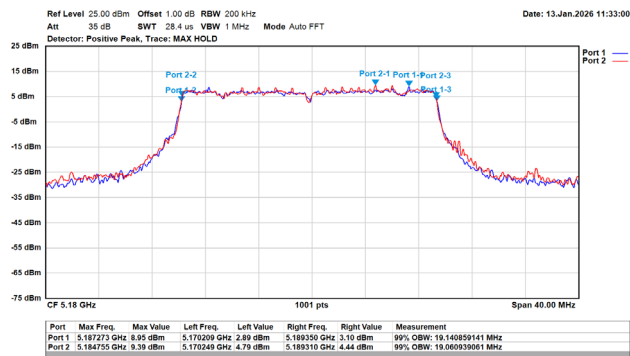
## 802.11ac/80MHz/MCS0/5210MHz/Ch42



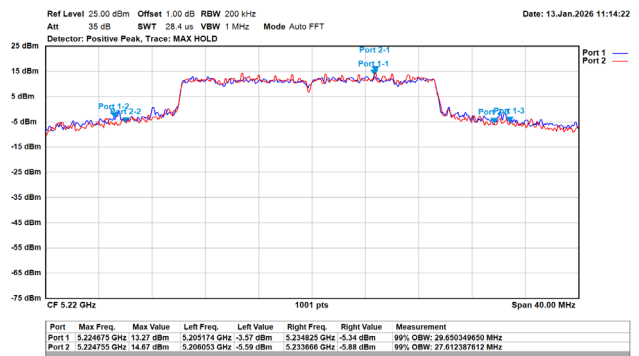
## 802.11ac/80MHz/MCS0/5775MHz/Ch155



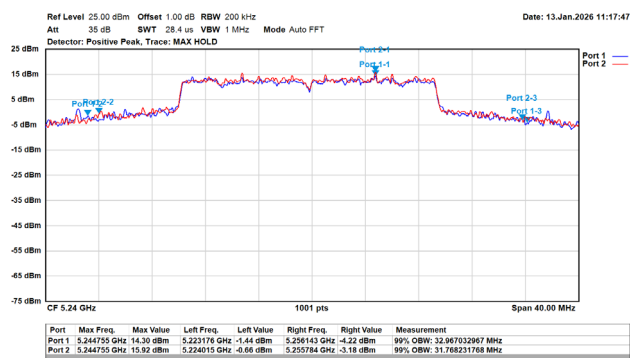
## 802.11be/20MHz/MCS0/5180MHz/Ch36



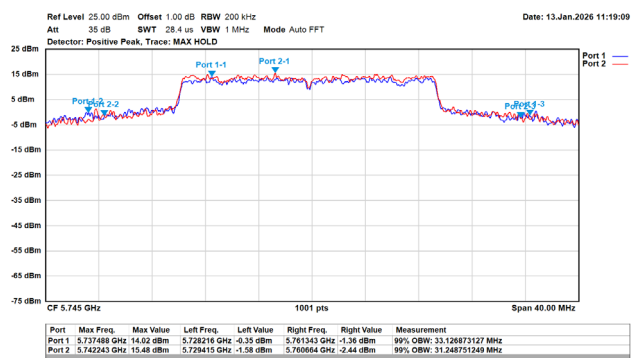
## 802.11be/20MHz/MCS0/5220MHz/Ch44



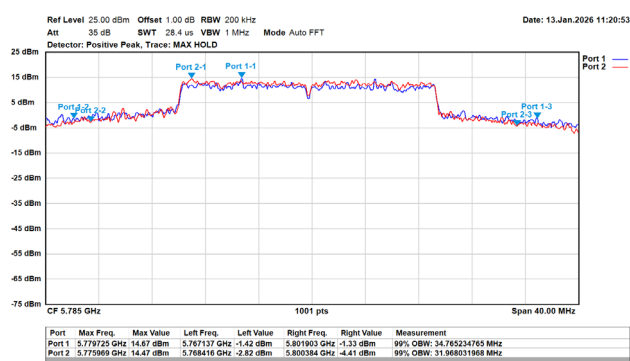
## 802.11be/20MHz/MCS0/5240MHz/Ch48



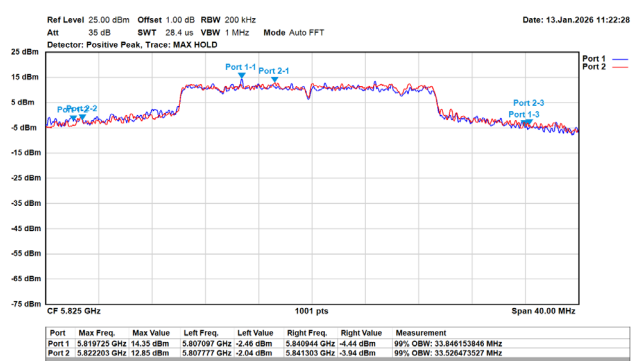
## 802.11be/20MHz/MCS0/5745MHz/Ch149



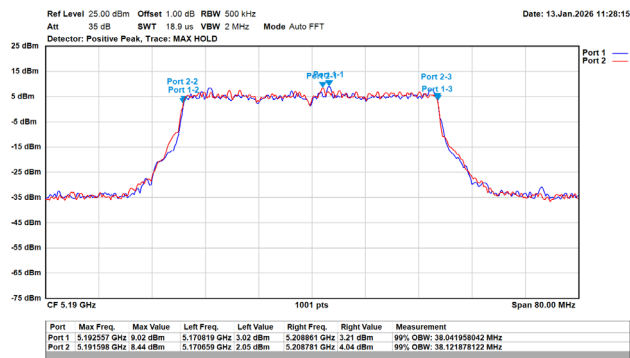
## 802.11be/20MHz/MCS0/5785MHz/Ch157



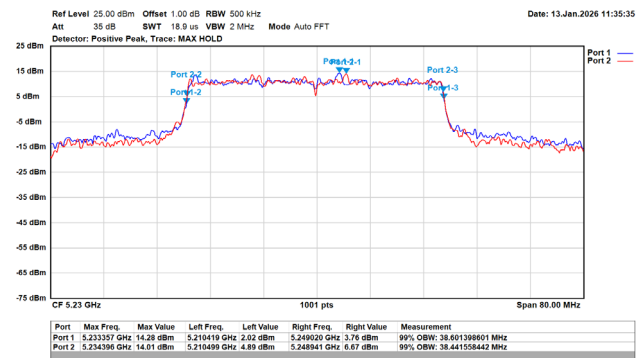
## 802.11be/20MHz/MCS0/5825MHz/Ch165



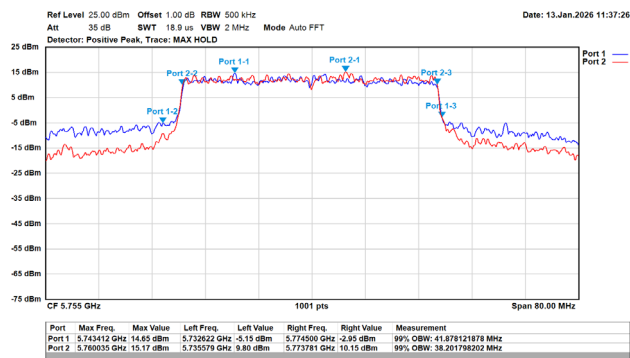
## 802.11be/40MHz/MCS0/5190MHz/Ch38



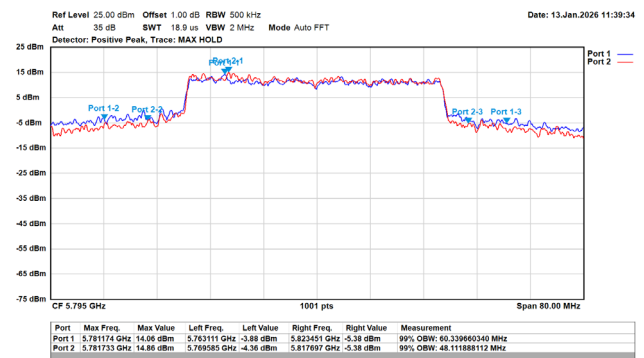
## 802.11be/40MHz/MCS0/5230MHz/Ch46



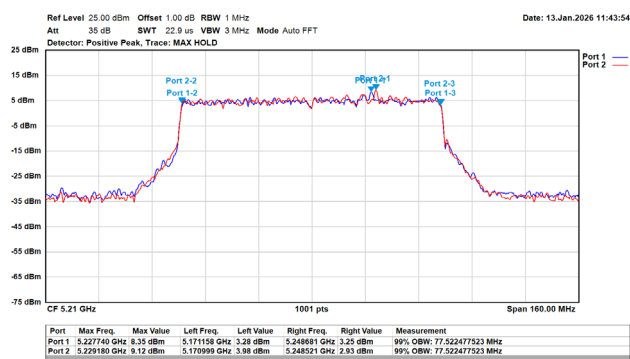
## 802.11be/40MHz/MCS0/5755MHz/Ch151



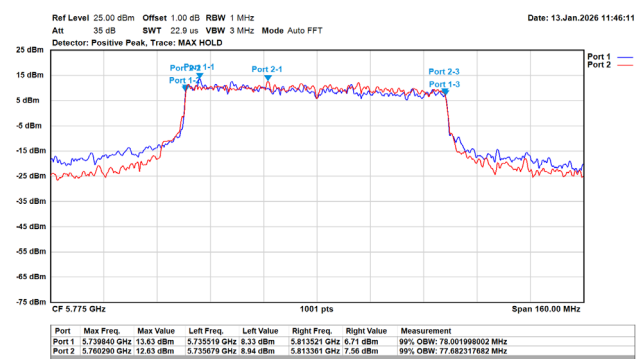
## 802.11be/40MHz/MCS0/5795MHz/Ch159



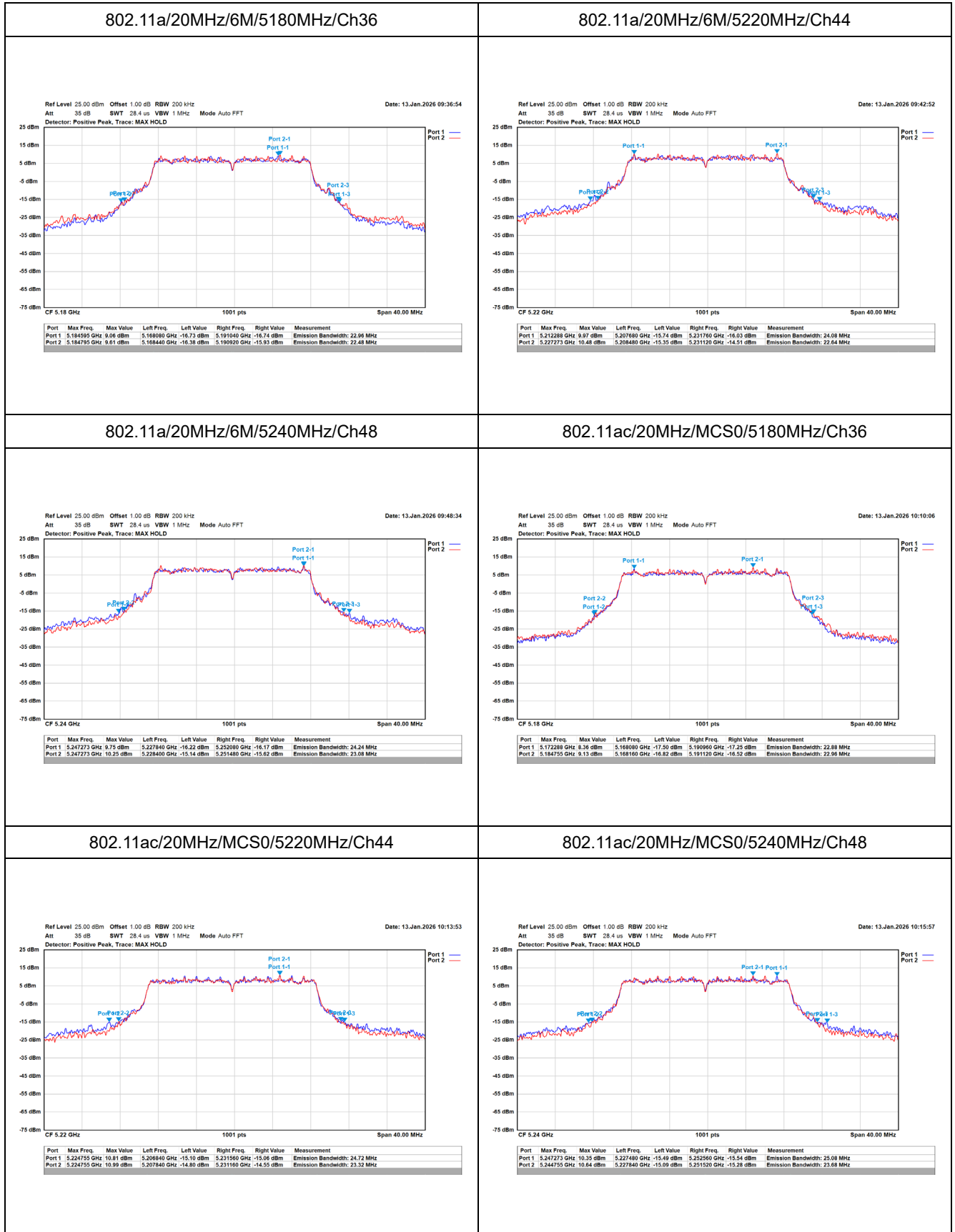
## 802.11be/80MHz/MCS0/5210MHz/Ch42



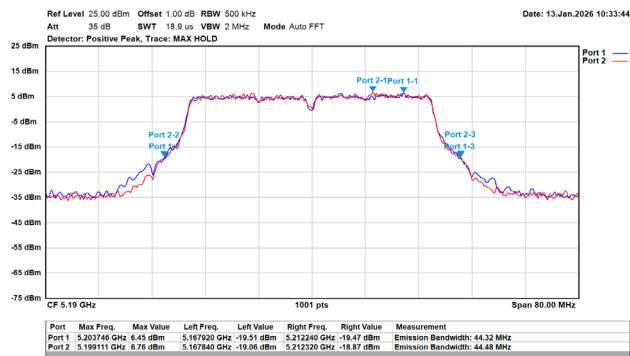
## 802.11be/80MHz/MCS0/5775MHz/Ch155



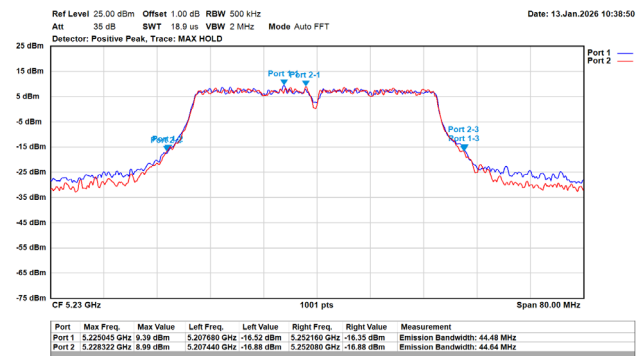
## For 26dB Bandwidth:



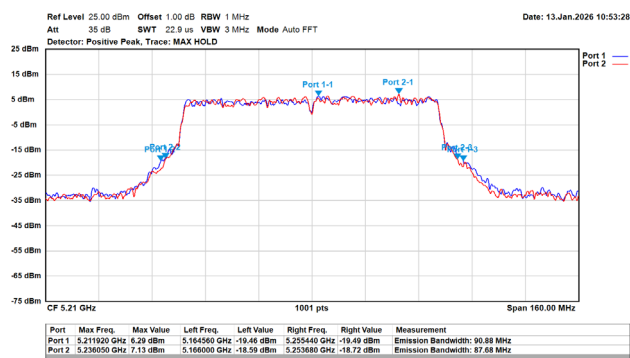
## 802.11ac/40MHz/MCS0/5190MHz/Ch38



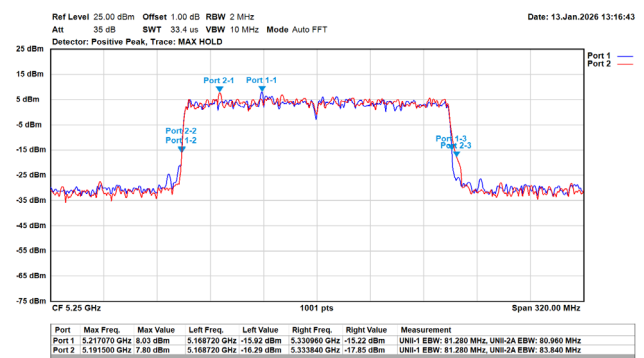
## 802.11ac/40MHz/MCS0/5230MHz/Ch46



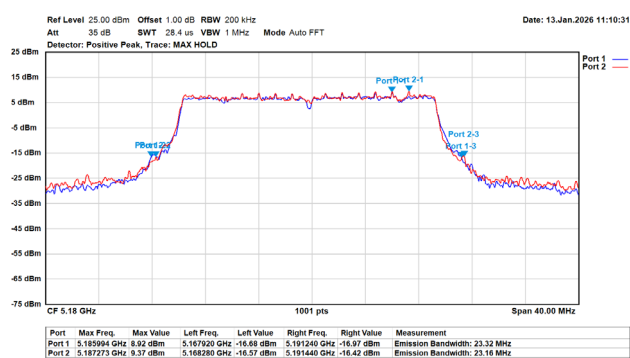
## 802.11ac/80MHz/MCS0/5210MHz/Ch42



## 802.11ax/160MHz/MCS0/5250MHz/Ch50



## 802.11be/20MHz/MCS0/5180MHz/Ch36



## 802.11be/20MHz/MCS0/5220MHz/Ch44

