



Figure 190 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 191 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 192 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU26    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180 (RU26.0)        | 18.420              | 18.300 | - | - | 18.300  | -           |
| 5200 (RU26.0)        | 18.420              | 18.360 | - | - | 18.360  | -           |
| 5240 (RU26.8)        | 18.600              | 18.360 | - | - | 18.360  | -           |

Table 469 - 99% Bandwidth Results



Figure 193 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 194 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 195 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 196 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 197 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 198 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU26    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5180 (RU26.0)        | 19.980                | 19.740 | - | - | 19.740  | -           |
| 5200 (RU26.0)        | 20.040                | 19.740 | - | - | 19.740  | -           |
| 5240 (RU26.8)        | 20.400                | 19.800 | - | - | 19.800  | -           |

Table 470 - 26 dB Bandwidth Results



Figure 199 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 200 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 201 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth





Figure 202 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 203 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 204 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU26    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180 (RU26.0)        | 18.420              | 18.300 | - | - | 18.300  | -           |
| 5200 (RU26.0)        | 18.420              | 18.300 | - | - | 18.300  | -           |
| 5240 (RU26.8)        | 18.540              | 18.360 | - | - | 18.360  | -           |

Table 471 - 99% Bandwidth Results



Figure 205 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 206 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 207 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 208 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 209 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth







| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                    |                          |   |
|---------------------------|--------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 RU52 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1             | DCCF (dB):               | - |
| Antenna Configuration:    | SISO               | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)         | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5180 (RU52.37)       | 20.160                | - | - | - | 20.160  | -           |
| 5200 (RU52.37)       | 20.160                | - | - | - | 20.160  | -           |
| 5240 (RU52.40)       | 20.760                | - | - | - | 20.760  | -           |

Table 472 - 26 dB Bandwidth Results



Figure 211 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 212 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 213 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                    |                          |   |
|---------------------------|--------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 RU52 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1             | DCCF (dB):               | - |
| Antenna Configuration:    | SISO               | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)         | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5180 (RU52.37)       | 18.240              | - | - | - | 18.240  | -           |
| 5200 (RU52.37)       | 18.240              | - | - | - | 18.240  | -           |
| 5240 (RU52.40)       | 18.480              | - | - | - | 18.480  | -           |

Table 473 - 99% Bandwidth Results



Figure 214 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 215 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 216 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU52    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5180 (RU52.37)       | 20.100                | 19.980 | - | - | 19.980  | -           |
| 5200 (RU52.37)       | 20.220                | 19.800 | - | - | 19.800  | -           |
| 5240 (RU52.40)       | 20.880                | 19.740 | - | - | 19.740  | -           |

Table 474 - 26 dB Bandwidth Results



Figure 217 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 218 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 219 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth





Figure 220 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 221 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 222 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU52    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5200 (RU52.37)       | 18.240              | 18.240 | - | - | 18.240  | -           |
| 5240 (RU52.40)       | 18.480              | 18.180 | - | - | 18.180  | -           |

Table 475 - 99% Bandwidth Results



Figure 223 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 224 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 225 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 226 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 227 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 228 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU52    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5180 (RU52.37)       | 20.160                | 19.860 | - | - | 19.860  | -           |
| 5200 (RU52.37)       | 20.280                | 19.860 | - | - | 19.860  | -           |
| 5240 (RU52.40)       | 20.760                | 19.920 | - | - | 19.920  | -           |

Table 476 - 26 dB Bandwidth Results



Figure 229 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 230 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 231 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 232 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 233 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 234 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU52    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5200 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5240 (RU52.40)       | 18.480              | 18.180 | - | - | 18.180  | -           |

Table 477 - 99% Bandwidth Results

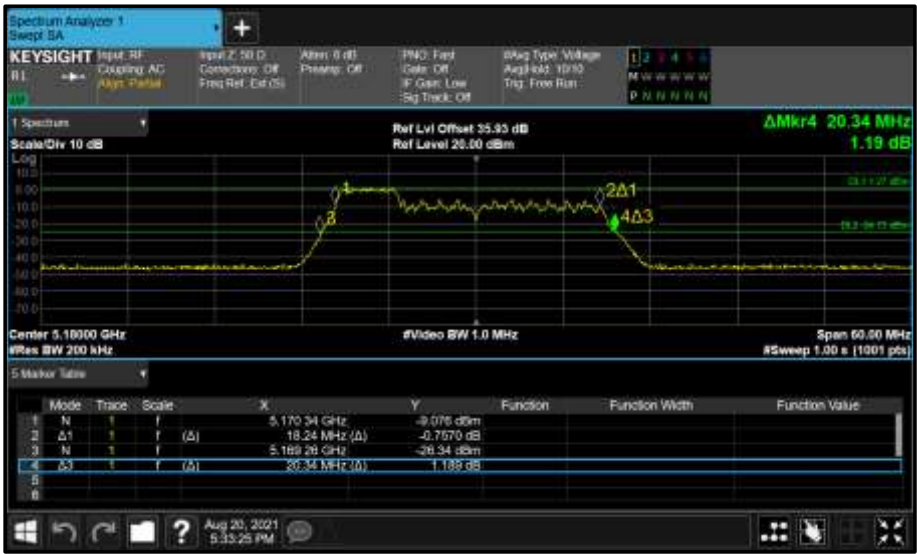


Figure 235 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 236 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 237 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth





Figure 238 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 239 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 240 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                     |                          |   |
|---------------------------|---------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 RU106 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | - |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)          | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5180 (RU106.53)      | 20.640                | - | - | - | 20.640  | -           |
| 5200 (RU106.53)      | 20.640                | - | - | - | 20.640  | -           |
| 5240 (RU106.54)      | 21.060                | - | - | - | 21.060  | -           |

Table 478 - 26 dB Bandwidth Results



Figure 241 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 242 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 243 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                     |                          |   |
|---------------------------|---------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 RU106 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | - |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)          | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5180 (RU106.53)      | 18.180              | - | - | - | 18.180  | -           |
| 5200 (RU106.53)      | 18.240              | - | - | - | 18.240  | -           |
| 5240 (RU106.54)      | 18.480              | - | - | - | 18.480  | -           |

Table 479 - 99% Bandwidth Results



Figure 244 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 245 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 246 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU106   | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5180 (RU106.53)      | 20.460                | 19.980 | - | - | 19.980  | -           |
| 5200 (RU106.53)      | 20.580                | 20.040 | - | - | 20.040  | -           |
| 5240 (RU106.54)      | 21.000                | 20.280 | - | - | 20.280  | -           |

Table 480 - 26 dB Bandwidth Results



Figure 247 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 248 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 249 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 250 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 251 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 252 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU106   | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180 (RU106.53)      | 18.180              | 18.120 | - | - | 18.120  | -           |
| 5200 (RU106.53)      | 18.180              | 18.120 | - | - | 18.120  | -           |
| 5240 (RU106.54)      | 18.480              | 18.300 | - | - | 18.300  | -           |

Table 481 - 99% Bandwidth Results



Figure 253 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth

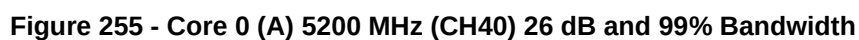
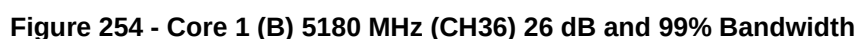






Figure 256 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 257 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 258 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU106   | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5180 (RU106.53)      | 20.520                | 19.920 | - | - | 19.920  | -           |
| 5200 (RU106.53)      | 20.640                | 19.980 | - | - | 19.980  | -           |
| 5240 (RU106.54)      | 21.000                | 20.280 | - | - | 20.280  | -           |

Table 482 - 26 dB Bandwidth Results



Figure 259 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 260 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 261 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 262 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 263 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 264 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU106   | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180 (RU106.53)      | 18.180              | 18.120 | - | - | 18.120  | -           |
| 5200 (RU106.53)      | 18.180              | 18.120 | - | - | 18.120  | -           |
| 5240 (RU106.54)      | 18.480              | 18.180 | - | - | 18.180  | -           |

Table 483 - 99% Bandwidth Results



Figure 265 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 266 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 267 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 268 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 269 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 270 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE40 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5190                 | 49.080                | - | - | - | 49.080  | -           |
| 5230                 | 42.360                | - | - | - | 42.360  | -           |

Table 484 - 26 dB Bandwidth Results



Figure 271 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 272 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE40 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCC (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5190                 | 38.160              | - | - | - | 38.160  | -           |
| 5230                 | 37.920              | - | - | - | 37.920  | -           |

Table 485 - 99% Bandwidth Results



Figure 273 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 274 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE40 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5190                 | 52.920                | 54.000 | - | - | 52.920  | -           |
| 5230                 | 41.760                | 41.760 | - | - | 41.760  | -           |

Table 486 - 26 dB Bandwidth Results



Figure 275 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 276 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 277 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 278 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5190                 | 38.160              | 38.160 | - | - | 38.160  | -           |
| 5230                 | 37.920              | 37.920 | - | - | 37.920  | -           |







Figure 280 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 281 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 282 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE40 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5190                 | 53.040                | 52.920 | - | - | 52.920  | -           |
| 5230                 | 42.120                | 41.760 | - | - | 41.760  | -           |

Table 488 - 26 dB Bandwidth Results



Figure 283 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 284 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 285 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 286 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE40 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5190                 | 38.160              | 38.160 | - | - | 38.160  | -           |
| 5230                 | 37.920              | 37.920 | - | - | 37.920  | -           |

Table 489 - 99% Bandwidth Results



Figure 287 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth





Figure 288 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 289 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 290 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE80 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5210                 | 86.020                | - | - | - | 86.020  | -           |

Table 490 - 26 dB Bandwidth Results



Figure 291 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE80 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5210                 | 77.440              | - | - | - | 77.440  | -           |

Table 491 - 99% Bandwidth Results



Figure 292 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE80 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5210                 | 86.900                | 87.120 | - | - | 86.900  | -           |

Table 492 - 26 dB Bandwidth Results



Figure 293 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 294 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE80 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5210                 | 77.440              | 77.220 | - | - | 77.220  | -           |

Table 493 - 99% Bandwidth Results



Figure 295 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 296 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE80 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5210                 | 88.440                | 83.380 | - | - | 83.380  | -           |

Table 494 - 26 dB Bandwidth Results



Figure 297 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 298 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE80 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5210                 | 77.440              | 77.440 | - | - | 77.440  | -           |

Table 495 - 99% Bandwidth Results



Figure 299 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 300 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT20          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCF (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5180                 | 21.960                | 21.540 | - | - | 21.540  | -           |
| 5200                 | 21.060                | 21.000 | - | - | 21.000  | -           |
| 5240                 | 21.060                | 21.060 | - | - | 21.060  | -           |

Table 496 - 26 dB Bandwidth Results



Figure 301 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 302 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 303 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 304 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 305 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 306 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT20          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCC (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5180                 | 18.300              | 18.240 | - | - | 18.240  | -           |
| 5200                 | 18.000              | 17.940 | - | - | 17.940  | -           |
| 5240                 | 18.060              | 18.060 | - | - | 18.060  | -           |

Table 497 - 99% Bandwidth Results



Figure 307 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 308 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 309 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth





Figure 310 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 311 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth





Figure 312 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT40          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCF (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency<br>(MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit<br>(kHz) |
|-------------------------|-----------------------|--------|---|---|---------|----------------|
|                         | A                     | B      | C | D | Minimum |                |
| 5190                    | 43.800                | 44.280 | - | - | 43.800  | -              |
| 5230                    | 41.640                | 41.280 | - | - | 41.280  | -              |

Table 498 - 26 dB Bandwidth Results



Figure 313 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 314 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 315 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 316 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT40          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCF (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5190                 | 37.680              | 37.440 | - | - | 37.440  | -           |
| 5230                 | 36.960              | 36.960 | - | - | 36.960  | -           |

Table 499 - 99% Bandwidth Results



Figure 317 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 318 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 319 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 320 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ac VHT80        | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5210                 | 85.140                | 86.460 | - | - | 85.140  | -           |

Table 500 - 26 dB Bandwidth Results



Figure 321 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 322 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.150-5.250 GHz | Band:           | U-NII-1                       |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ac VHT80        | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5210                 | 78.480              | 77.760 | - | - | 77.760  | -           |

Table 501 - 99% Bandwidth Results



Figure 323 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 324 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration      |            |                          |   |
|------------------------|------------|--------------------------|---|
| Mode:                  | 802.11a    | Duty Cycle (%):          | - |
| Data Rate:             | 12 Mbps    | DCCF (dB):               | - |
| Antenna Configuration: | SISO       | Peak Antenna Gain (dBi): | - |
| Active Port(s):        | A (Core 0) | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5260                 | 20.820                | - | - | - | 20.820  | -           |
| 5280                 | 20.820                | - | - | - | 20.820  | -           |
| 5320                 | 21.420                | - | - | - | 21.420  | -           |

Table 502 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5260                 | 16.500              | - | - | - | 16.500  | -           |
| 5280                 | 16.560              | - | - | - | 16.560  | -           |
| 5320                 | 16.620              | - | - | - | 16.620  | -           |

Table 503 - 99% Bandwidth Results



Figure 325 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 326 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 327 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |              |                          |   |
|---------------------------|--------------|--------------------------|---|
| Mode:                     | 802.11n HT20 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2         | DCCF (dB):               | - |
| Antenna Configuration:    | SISO         | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)   | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5260                 | 20.880                | - | - | - | 20.880  | -           |
| 5280                 | 21.000                | - | - | - | 21.000  | -           |
| 5320                 | 22.260                | - | - | - | 22.260  | -           |

Table 504 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5260                 | 17.700              | - | - | - | 17.700  | -           |
| 5280                 | 17.700              | - | - | - | 17.700  | -           |
| 5320                 | 17.820              | - | - | - | 17.820  | -           |

Table 505 - 99% Bandwidth Results



Figure 328 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth





Figure 329 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 330 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT20          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCC (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260                 | 21.000                | 21.060 | - | - | 21.000  | -           |
| 5280                 | 21.000                | 21.000 | - | - | 21.000  | -           |
| 5320                 | 22.740                | 21.600 | - | - | 21.600  | -           |

Table 506 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260                 | 17.700              | 17.760 | - | - | 17.700  | -           |
| 5280                 | 17.640              | 17.700 | - | - | 17.640  | -           |
| 5320                 | 17.760              | 17.760 | - | - | 17.760  | -           |

Table 507 - 99% Bandwidth Results



Figure 331 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 332 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 333 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 334 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 335 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 336 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT20          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS10                 | DCCC (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260                 | 20.940                | 20.880 | - | - | 20.880  | -           |
| 5280                 | 21.000                | 20.880 | - | - | 20.880  | -           |
| 5320                 | 21.780                | 21.660 | - | - | 21.660  | -           |

Table 508 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260                 | 17.700              | 17.700 | - | - | 17.700  | -           |
| 5280                 | 17.640              | 17.700 | - | - | 17.640  | -           |
| 5320                 | 17.760              | 17.760 | - | - | 17.760  | -           |

Table 509 - 99% Bandwidth Results



Figure 337 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



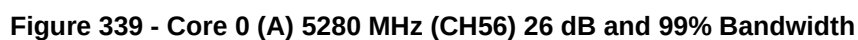
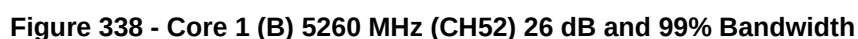






Figure 340 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 341 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 342 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |              |                          |   |
|---------------------------|--------------|--------------------------|---|
| Mode:                     | 802.11n HT40 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2         | DCCF (dB):               | - |
| Antenna Configuration:    | SISO         | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)   | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5270                 | 41.640                | - | - | - | 41.640  | -           |
| 5310                 | 42.480                | - | - | - | 42.480  | -           |

**Table 510 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5270                 | 36.480              | - | - | - | 36.480  | -           |
| 5310                 | 36.480              | - | - | - | 36.480  | -           |

**Table 511 - 99% Bandwidth Results**



**Figure 343 - Core 0 (A) 5270 MHz (CH54) 26 dB and 99% Bandwidth**



Figure 344 - Core 0 (A) 5310 MHz (CH62) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT40          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5270                 | 41.500                | 41.280 | - | - | 41.280  | -           |
| 5310                 | 42.960                | 44.280 | - | - | 42.960  | -           |

**Table 512 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5270                 | 36.400              | 36.360 | - | - | 36.360  | -           |
| 5310                 | 36.480              | 36.600 | - | - | 36.480  | -           |

**Table 513 - 99% Bandwidth Results**



**Figure 345 - Core 0 (A) 5270 MHz (CH54) 26 dB and 99% Bandwidth**

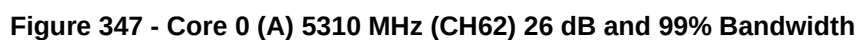
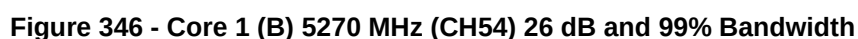




Figure 348 - Core 1 (B) 5310 MHz (CH62) 26 dB and 99% Bandwidth



| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5270                 | 41.400                | 41.400 | - | - | 41.400  | -           |
| 5310                 | 43.080                | 42.720 | - | - | 42.720  | -           |

| Test Frequency<br>(MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit<br>(kHz) |
|-------------------------|---------------------|--------|---|---|---------|----------------|
|                         | A                   | B      | C | D | Minimum |                |
| 5270                    | 36.480              | 36.360 | - | - | 36.360  | -              |
| 5310                    | 36.480              | 36.600 | - | - | 36.480  | -              |





Figure 350 - Core 1 (B) 5270 MHz (CH54) 26 dB and 99% Bandwidth



Figure 351 - Core 0 (A) 5310 MHz (CH62) 26 dB and 99% Bandwidth



Figure 352 - Core 1 (B) 5310 MHz (CH62) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                |                          |   |
|---------------------------|----------------|--------------------------|---|
| Mode:                     | 802.11ac VHT80 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1         | DCCF (dB):               | - |
| Antenna Configuration:    | SISO           | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)     | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5290                 | 83.820                | - | - | - | 83.820  | -           |

Table 516 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5290                 | 75.680              | - | - | - | 75.680  | -           |

Table 517 - 99% Bandwidth Results



Figure 353 - Core 0 (A) 5290 MHz (CH58) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ac VHT80        | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5290                 | 84.040                | 83.820 | - | - | 83.820  | -           |

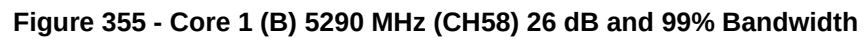
**Table 518 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5290                 | 75.680              | 75.460 | - | - | 75.460  | -           |

**Table 519 - 99% Bandwidth Results**



**Figure 354 - Core 0 (A) 5290 MHz (CH58) 26 dB and 99% Bandwidth**





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ac VHT80        | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5290                 | 84.040                | 82.940 | - | - | 82.940  | -           |

Table 520 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5290                 | 75.900              | 75.460 | - | - | 75.460  | -           |

Table 521 - 99% Bandwidth Results



Figure 356 - Core 0 (A) 5290 MHz (CH58) 26 dB and 99% Bandwidth





Figure 357 - Core 1 (B) 5290 MHz (CH58) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5260                 | 21.240                | - | - | - | 21.240  | -           |
| 5280                 | 21.180                | - | - | - | 21.180  | -           |
| 5320                 | 25.140                | - | - | - | 25.140  | -           |

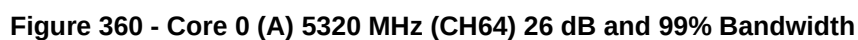
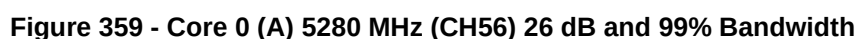
Table 522 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5260                 | 18.960              | - | - | - | 18.960  | -           |
| 5280                 | 19.020              | - | - | - | 19.020  | -           |
| 5320                 | 19.080              | - | - | - | 19.080  | -           |

Table 523 - 99% Bandwidth Results



Figure 358 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260                 | 21.300                | 21.480 | - | - | 21.300  | -           |
| 5280                 | 21.360                | 21.420 | - | - | 21.360  | -           |
| 5320                 | 26.160                | 26.280 | - | - | 26.160  | -           |

Table 524 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260                 | 18.960              | 19.080 | - | - | 18.960  | -           |
| 5280                 | 19.080              | 19.020 | - | - | 19.020  | -           |
| 5320                 | 19.080              | 19.080 | - | - | 19.080  | -           |

Table 525 - 99% Bandwidth Results



Figure 361 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth

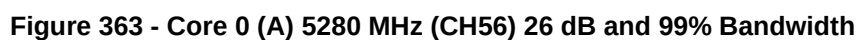
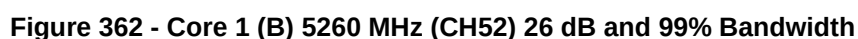




Figure 364 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 365 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth





Figure 366 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCC (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260                 | 21.300                | 21.300 | - | - | 21.300  | -           |
| 5280                 | 21.240                | 21.240 | - | - | 21.240  | -           |
| 5320                 | 26.340                | 26.100 | - | - | 26.100  | -           |

Table 526 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260                 | 19.020              | 18.960 | - | - | 18.960  | -           |
| 5280                 | 18.960              | 19.080 | - | - | 18.960  | -           |
| 5320                 | 19.080              | 19.080 | - | - | 19.080  | -           |

Table 527 - 99% Bandwidth Results



Figure 367 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 368 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 369 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 370 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 371 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 372 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                    |                          |   |
|---------------------------|--------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 RU52 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1             | DCCF (dB):               | - |
| Antenna Configuration:    | SISO               | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)         | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5260 (RU52.37)       | 20.220                | - | - | - | 20.220  | -           |
| 5280 (RU52.37)       | 20.220                | - | - | - | 20.220  | -           |
| 5320 (RU52.40)       | 20.760                | - | - | - | 20.760  | -           |

Table 528 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5260 (RU52.37)       | 18.240              | - | - | - | 18.240  | -           |
| 5280 (RU52.37)       | 18.240              | - | - | - | 18.240  | -           |
| 5320 (RU52.40)       | 18.480              | - | - | - | 18.480  | -           |

Table 529 - 99% Bandwidth Results



Figure 373 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 374 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 375 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU52    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCC (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260 (RU52.37)       | 20.280                | 19.860 | - | - | 19.860  | -           |
| 5280 (RU52.37)       | 20.220                | 19.740 | - | - | 19.740  | -           |
| 5320 (RU52.40)       | 20.640                | 19.860 | - | - | 19.860  | -           |

Table 530 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5280 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5320 (RU52.40)       | 18.480              | 18.180 | - | - | 18.180  | -           |

Table 531 - 99% Bandwidth Results



Figure 376 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth





Figure 377 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 378 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 379 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 380 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 381 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU52    | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCC (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260 (RU52.37)       | 20.100                | 19.740 | - | - | 19.740  | -           |
| 5280 (RU52.37)       | 20.160                | 19.740 | - | - | 19.740  | -           |
| 5320 (RU52.40)       | 20.760                | 19.800 | - | - | 19.800  | -           |

Table 532 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5280 (RU52.37)       | 18.240              | 18.180 | - | - | 18.180  | -           |
| 5320 (RU52.40)       | 18.480              | 18.180 | - | - | 18.180  | -           |

Table 533 - 99% Bandwidth Results

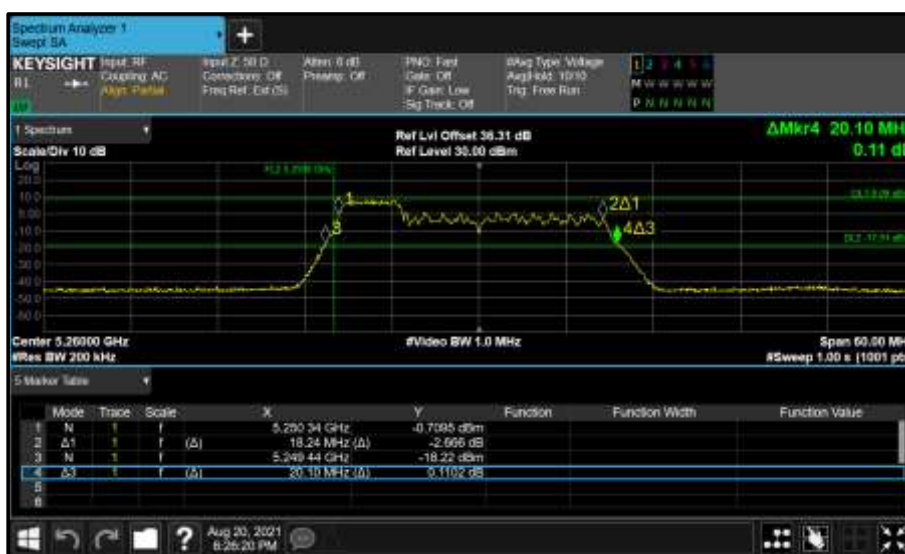


Figure 382 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 383 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 384 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 385 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 386 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth





Figure 387 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| DUT Configuration         |                     |                          |   |
|---------------------------|---------------------|--------------------------|---|
| Mode:                     | 802.11ax HE20 RU106 | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | - |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)          | Active Chain(s):         | 0 |

### Table 534 - 26 dB Bandwidth Results

### Table 535 - 99% Bandwidth Results

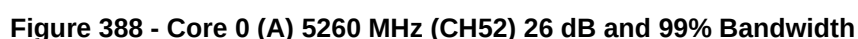




Figure 389 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 390 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU106   | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260 (RU106.53)      | 20.580                | 20.040 | - | - | 20.040  | -           |
| 5280 (RU106.53)      | 20.580                | 19.920 | - | - | 19.920  | -           |
| 5320 (RU106.54)      | 21.240                | 20.100 | - | - | 20.100  | -           |

Table 536 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260 (RU106.53)      | 18.180              | 18.120 | - | - | 18.120  | -           |
| 5280 (RU106.53)      | 18.180              | 18.120 | - | - | 18.120  | -           |
| 5320 (RU106.54)      | 18.480              | 18.180 | - | - | 18.180  | -           |

Table 537 - 99% Bandwidth Results



Figure 391 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 392 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 393 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 394 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 395 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 396 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE20 RU106   | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260 (RU106.53)      | 20.640                | 19.980 | - | - | 19.980  | -           |
| 5280 (RU106.53)      | 20.520                | 19.920 | - | - | 19.920  | -           |
| 5320 (RU106.54)      | 21.060                | 20.100 | - | - | 20.100  | -           |

Table 538 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260 (RU106.53)      | 18.180              | 18.180 | - | - | 18.180  | -           |
| 5280 (RU106.53)      | 18.180              | 18.180 | - | - | 18.180  | -           |
| 5320 (RU106.54)      | 18.420              | 18.240 | - | - | 18.240  | -           |

Table 539 - 99% Bandwidth Results



Figure 397 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth





Figure 398 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 399 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 400 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 401 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 402 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE40 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5270                 | 42.120                | - | - | - | 42.120  | -           |
| 5310                 | 52.800                | - | - | - | 52.800  | -           |

**Table 540 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5270                 | 38.040              | - | - | - | 38.040  | -           |
| 5310                 | 38.160              | - | - | - | 38.160  | -           |

**Table 541 - 99% Bandwidth Results**



**Figure 403 - Core 0 (A) 5270 MHz (CH54) 26 dB and 99% Bandwidth**



Figure 404 - Core 0 (A) 5310 MHz (CH62) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE40 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5270                 | 42.120                | 42.000 | - | - | 42.000  | -           |
| 5310                 | 51.120                | 52.800 | - | - | 51.120  | -           |

**Table 542 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5270                 | 37.920              | 37.920 | - | - | 37.920  | -           |
| 5310                 | 38.160              | 38.160 | - | - | 38.160  | -           |

**Table 543 - 99% Bandwidth Results**



**Figure 405 - Core 0 (A) 5270 MHz (CH54) 26 dB and 99% Bandwidth**





Figure 406 - Core 1 (B) 5270 MHz (CH54) 26 dB and 99% Bandwidth



Figure 407 - Core 0 (A) 5310 MHz (CH62) 26 dB and 99% Bandwidth





**Figure 408 - Core 1 (B) 5310 MHz (CH62) 26 dB and 99% Bandwidth**



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE40 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5270                 | 41.760                | 42.120 | - | - | 41.760  | -           |
| 5310                 | 52.800                | 52.800 | - | - | 52.800  | -           |

**Table 544 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5270                 | 37.920              | 38.040 | - | - | 37.920  | -           |
| 5310                 | 38.160              | 38.160 | - | - | 38.160  | -           |

**Table 545 - 99% Bandwidth Results**



**Figure 409 - Core 0 (A) 5270 MHz (CH54) 26 dB and 99% Bandwidth**



Figure 410 - Core 1 (B) 5270 MHz (CH54) 26 dB and 99% Bandwidth



Figure 411 - Core 0 (A) 5310 MHz (CH62) 26 dB and 99% Bandwidth



Figure 412 - Core 1 (B) 5310 MHz (CH62) 26 dB and 99% Bandwidth

| DUT Configuration         |                  |                          |   |
|---------------------------|------------------|--------------------------|---|
| Mode:                     | 802.11ax HE80 SU | Duty Cycle (%):          | - |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | - |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | - |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|-----------------------|---|---|---|---------|-------------|
|                      | A                     | B | C | D | Minimum |             |
| 5290                 | 87.340                | - | - | - | 87.340  | -           |

| Test Frequency (MHz) | 99% Bandwidth (MHz) |   |   |   |         | Limit (kHz) |
|----------------------|---------------------|---|---|---|---------|-------------|
|                      | A                   | B | C | D | Minimum |             |
| 5290                 | 77,440              | - | - | - | 77,440  | -           |

**KEYSIGHT** Spectrum Analyzer 1  
Sweep: BA

Input: RF  
Coupling: AG  
Align: Parallel

Input2: 50.0  
Connectors: Off  
Freq Ref: Ext (SI)

Attenu: 0 dB  
Preamp: Off

Trace: Fast  
Color: Off  
F: Core Line  
S: Track: Off

Mag Type: Voltage  
Appl: Mag: 10 dB  
Trig: Free Run

1 2 3 4 5 6  
M W W W W W W  
D N N N N N N

1 Spectrum  
Scale/Div 10 dB  
Ref Lvl Offset 36.26 dB  
Ref Level 20.0 dBm

Log  
110.0  
100.0  
90.0  
80.0  
70.0

Center 5.2900 GHz  
#Res BW 1.0 MHz  
#Video BW 3.0 MHz  
Span 220.0 MHz  
#Sweep 1.00 s (1001 pts)

5 Marker Table

|   | Mode       | Trace | Scale | X                      | Y          | Function | Function Width | Function Value |
|---|------------|-------|-------|------------------------|------------|----------|----------------|----------------|
| 1 | N          | 1     | f     | 5.29128 GHz            | 2.501 dBm  |          |                |                |
| 2 | $\Delta$ 1 | 1     | f     | 77.44 MHz ( $\Delta$ ) | 0.1422 dB  |          |                |                |
| 3 | N          | 1     | f     | 5.24644 GHz            | -20.34 dBm |          |                |                |
| 4 | $\Delta$ 3 | 1     | f     | 87.34 MHz ( $\Delta$ ) | -0.8102 dB |          |                |                |
| 5 |            |       |       |                        |            |          |                |                |
| 6 |            |       |       |                        |            |          |                |                |

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| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE80 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5290                 | 87.340                | 85.800 | - | - | 85.800  | -           |

**Table 548 - 26 dB Bandwidth Results**

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5290                 | 77.440              | 77.440 | - | - | 77.440  | -           |

**Table 549 - 99% Bandwidth Results**



**Figure 414 - Core 0 (A) 5290 MHz (CH58) 26 dB and 99% Bandwidth**



Figure 415 - Core 1 (B) 5290 MHz (CH58) 26 dB and 99% Bandwidth





| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ax HE80 SU      | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | -   |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5290                 | 87.560                | 86.680 | - | - | 86.680  | -           |

Table 550 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5290                 | 77.440              | 77.440 | - | - | 77.440  | -           |

Table 551 - 99% Bandwidth Results



Figure 416 - Core 0 (A) 5290 MHz (CH58) 26 dB and 99% Bandwidth



Figure 417 - Core 1 (B) 5290 MHz (CH58) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11n HT20          | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2                  | DCCC (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5260                 | 21.060                | 21.000 | - | - | 21.000  | -           |
| 5280                 | 21.060                | 20.940 | - | - | 20.940  | -           |
| 5320                 | 22.020                | 21.840 | - | - | 21.840  | -           |

Table 552 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5260                 | 17.700              | 17.700 | - | - | 17.700  | -           |
| 5280                 | 17.700              | 17.760 | - | - | 17.700  | -           |
| 5320                 | 17.820              | 17.820 | - | - | 17.820  | -           |

Table 553 - 99% Bandwidth Results



Figure 418 - Core 0 (A) 5260 MHz (CH52) 26 dB and 99% Bandwidth

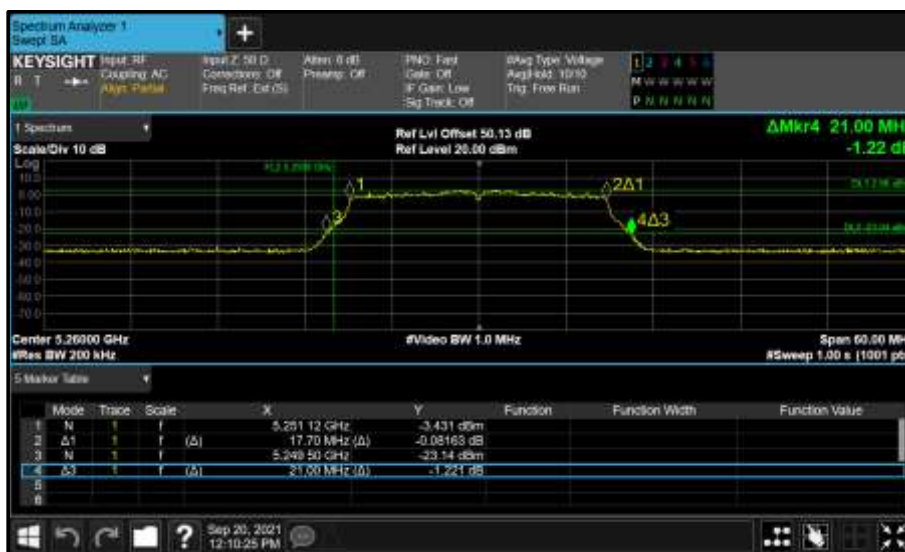


Figure 419 - Core 1 (B) 5260 MHz (CH52) 26 dB and 99% Bandwidth



Figure 420 - Core 0 (A) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 421 - Core 1 (B) 5280 MHz (CH56) 26 dB and 99% Bandwidth



Figure 422 - Core 0 (A) 5320 MHz (CH64) 26 dB and 99% Bandwidth



Figure 423 - Core 1 (B) 5320 MHz (CH64) 26 dB and 99% Bandwidth







Figure 425 - Core 1 (B) 5270 MHz (CH54) 26 dB and 99% Bandwidth



Figure 426 - Core 0 (A) 5310 MHz (CH62) 26 dB and 99% Bandwidth



Figure 427 - Core 1 (B) 5310 MHz (CH62) 26 dB and 99% Bandwidth



| Test Configuration       |                 |                 |                               |
|--------------------------|-----------------|-----------------|-------------------------------|
| Frequency Range:         | 5.250-5.350 GHz | Band:           | U-NII-2A                      |
| Limit Clause(s):         |                 | Test Method(s): | C63.10 6.9.3<br>C63.10 12.5.1 |
| Additional Reference(s): | -               |                 |                               |

| DUT Configuration         |                       |                          |     |
|---------------------------|-----------------------|--------------------------|-----|
| Mode:                     | 802.11ac VHT80        | Duty Cycle (%):          | -   |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | -   |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | -   |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1 |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|---------|-------------|
|                      | A                     | B      | C | D | Minimum |             |
| 5290                 | 86.240                | 88.220 | - | - | 86.240  | -           |

Table 556 - 26 dB Bandwidth Results

| Test Frequency (MHz) | 99% Bandwidth (MHz) |        |   |   |         | Limit (kHz) |
|----------------------|---------------------|--------|---|---|---------|-------------|
|                      | A                   | B      | C | D | Minimum |             |
| 5290                 | 76.340              | 75.900 | - | - | 75.900  | -           |

Table 557 - 99% Bandwidth Results



Figure 428 - Core 0 (A) 5290 MHz (CH58) 26 dB and 99% Bandwidth



Figure 429 - Core 1 (B) 5290 MHz (CH58) 26 dB and 99% Bandwidth