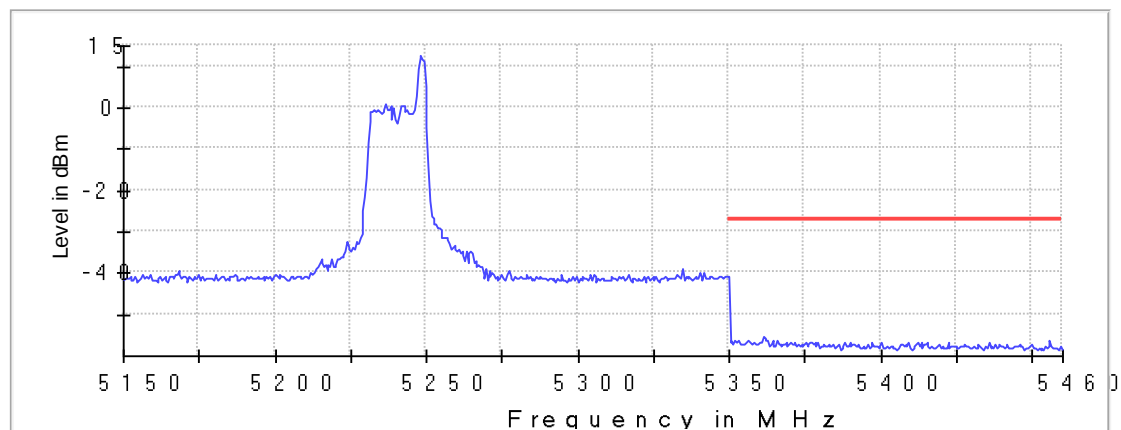


## TEST RESULTS (Cont.)

Bandwidth: 20 MHz

Highest Channel

Band Edge



— Limit — Sum Level ✗ Fail

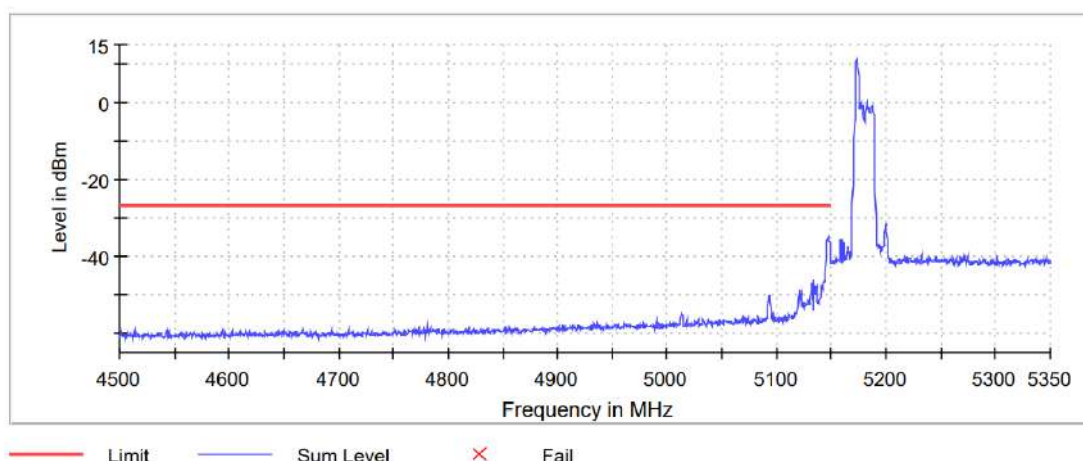
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5409.750000     | -53.9       | 26.9        | -27.0       | PASS   |
| 5353.250000     | -54.3       | 27.3        | -27.0       | PASS   |
| 5363.750000     | -54.3       | 27.3        | -27.0       | PASS   |
| 5392.750000     | -54.3       | 27.3        | -27.0       | PASS   |
| 5393.750000     | -54.7       | 27.7        | -27.0       | PASS   |
| 5408.750000     | -54.7       | 27.7        | -27.0       | PASS   |
| 5353.750000     | -54.9       | 27.9        | -27.0       | PASS   |
| 5399.250000     | -54.9       | 27.9        | -27.0       | PASS   |
| 5371.750000     | -55.0       | 28.0        | -27.0       | PASS   |
| 5393.250000     | -55.0       | 28.0        | -27.0       | PASS   |
| 5391.250000     | -55.1       | 28.1        | -27.0       | PASS   |
| 5354.250000     | -55.1       | 28.1        | -27.0       | PASS   |
| 5352.750000     | -55.2       | 28.2        | -27.0       | PASS   |
| 5415.750000     | -55.2       | 28.2        | -27.0       | PASS   |
| 5401.250000     | -55.2       | 28.2        | -27.0       | PASS   |

|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#04 (ax Mode SISO Radio B) |
| <b>TEST RESULTS:</b>            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

**Bandwidth: 20 MHz**

**Lowest Channel**



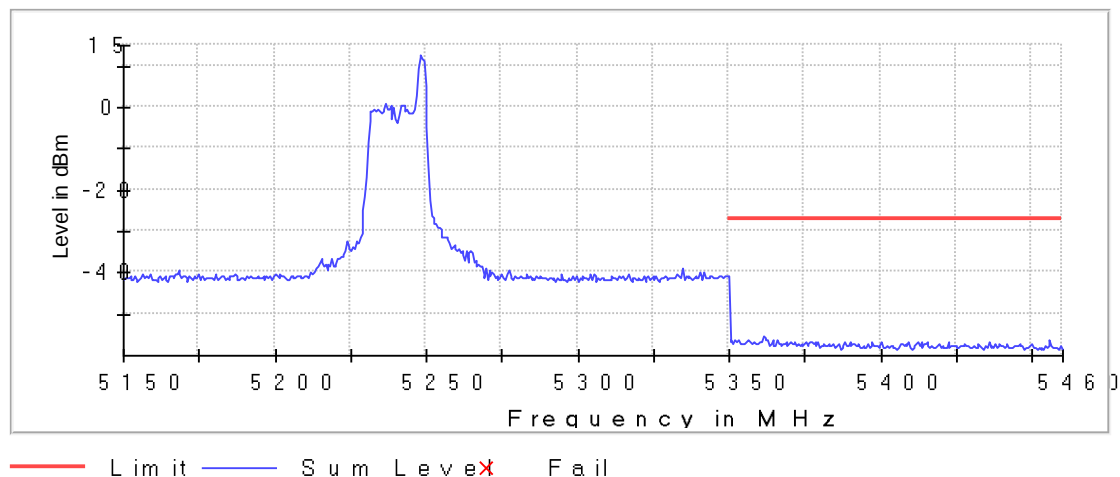
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5146.750000     | -34.9       | 7.9         | -27.0       | PASS   |
| 5147.250000     | -35.8       | 8.8         | -27.0       | PASS   |
| 5147.750000     | -35.8       | 8.8         | -27.0       | PASS   |
| 5146.250000     | -35.9       | 8.9         | -27.0       | PASS   |
| 5148.250000     | -36.1       | 9.1         | -27.0       | PASS   |
| 5148.750000     | -36.5       | 9.5         | -27.0       | PASS   |
| 5145.750000     | -39.1       | 12.1        | -27.0       | PASS   |
| 5149.250000     | -39.8       | 12.8        | -27.0       | PASS   |
| 5145.250000     | -40.3       | 13.3        | -27.0       | PASS   |
| 5149.750000     | -40.9       | 13.9        | -27.0       | PASS   |
| 5144.750000     | -43.9       | 16.9        | -27.0       | PASS   |
| 5144.250000     | -44.4       | 17.4        | -27.0       | PASS   |
| 5134.250000     | -45.9       | 18.9        | -27.0       | PASS   |
| 5143.250000     | -46.4       | 19.4        | -27.0       | PASS   |
| 5142.750000     | -46.9       | 19.9        | -27.0       | PASS   |

## TEST RESULTS (Cont.)

**Bandwidth: 20 MHz**

**Highest Channel**

Band Edge



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5359.750000     | -56.6       | 29.6        | -27.0       | PASS   |
| 5358.750000     | -56.8       | 29.8        | -27.0       | PASS   |
| 5350.250000     | -57.0       | 30.0        | -27.0       | PASS   |
| 5378.250000     | -57.1       | 30.1        | -27.0       | PASS   |
| 5440.250000     | -57.3       | 30.3        | -27.0       | PASS   |
| 5444.250000     | -57.3       | 30.3        | -27.0       | PASS   |
| 5386.250000     | -57.3       | 30.3        | -27.0       | PASS   |
| 5356.250000     | -57.3       | 30.3        | -27.0       | PASS   |
| 5382.750000     | -57.4       | 30.4        | -27.0       | PASS   |
| 5449.250000     | -57.4       | 30.4        | -27.0       | PASS   |
| 5370.250000     | -57.4       | 30.4        | -27.0       | PASS   |
| 5411.250000     | -57.4       | 30.4        | -27.0       | PASS   |
| 5420.750000     | -57.4       | 30.4        | -27.0       | PASS   |
| 5379.750000     | -57.5       | 30.5        | -27.0       | PASS   |
| 5353.750000     | -57.5       | 30.5        | -27.0       | PASS   |

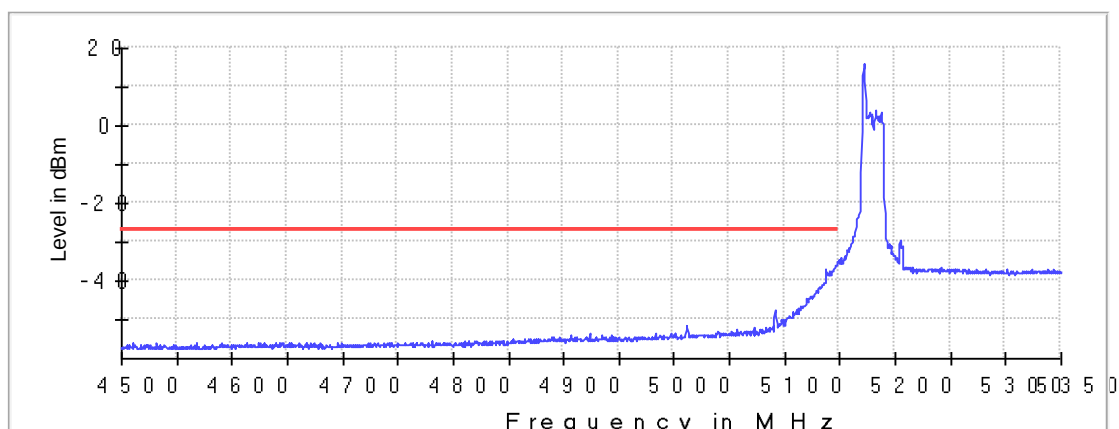
|                                 |                                |
|---------------------------------|--------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                           |
| <b>TESTED CONDITIONS MODES:</b> | TC#04 (ax Mode MIMO Radio A+B) |
| <b>TEST RESULTS:</b>            | PASS                           |

Maximum declared antenna gain: -2.8 dBi

**Bandwidth: 20 MHz**

**Lowest Channel**

Band Edge



— Limit × Fail — Sum Level

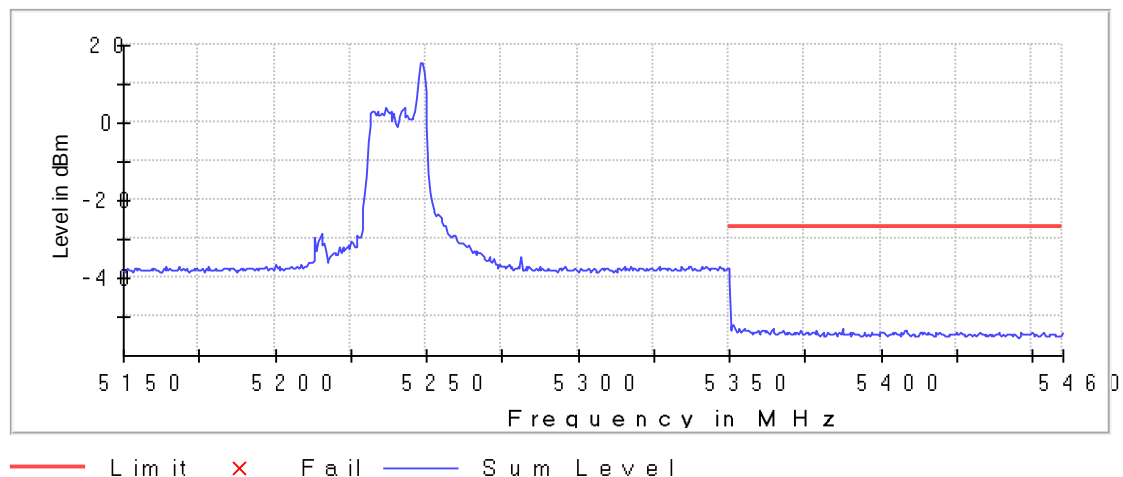
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5148.250000     | -48.7       | 21.7        | -27.0       | PASS   |
| 5149.250000     | -48.9       | 21.9        | -27.0       | PASS   |
| 5147.750000     | -49.2       | 22.2        | -27.0       | PASS   |
| 5146.750000     | -49.3       | 22.3        | -27.0       | PASS   |
| 5149.750000     | -49.4       | 22.4        | -27.0       | PASS   |
| 5148.750000     | -49.4       | 22.4        | -27.0       | PASS   |
| 5147.250000     | -50.3       | 23.3        | -27.0       | PASS   |
| 5146.250000     | -50.3       | 23.3        | -27.0       | PASS   |
| 5145.750000     | -51.1       | 24.1        | -27.0       | PASS   |
| 5140.750000     | -51.1       | 24.1        | -27.0       | PASS   |
| 5144.250000     | -51.3       | 24.3        | -27.0       | PASS   |
| 5144.750000     | -51.4       | 24.4        | -27.0       | PASS   |
| 5145.250000     | -51.5       | 24.5        | -27.0       | PASS   |
| 5143.750000     | -51.6       | 24.6        | -27.0       | PASS   |
| 5142.750000     | -51.6       | 24.6        | -27.0       | PASS   |

## TEST RESULTS (Cont.)

**Bandwidth: 20 MHz**

**Highest Channel**

Band Edge



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5392.750000     | -52.3       | 25.3        | -27.0       | PASS   |
| 5393.750000     | -52.6       | 25.6        | -27.0       | PASS   |
| 5393.250000     | -52.8       | 25.8        | -27.0       | PASS   |
| 5353.750000     | -52.9       | 25.9        | -27.0       | PASS   |
| 5361.250000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5442.250000     | -53.2       | 26.2        | -27.0       | PASS   |
| 5424.250000     | -53.3       | 26.3        | -27.0       | PASS   |
| 5376.250000     | -53.4       | 26.4        | -27.0       | PASS   |
| 5378.750000     | -53.4       | 26.4        | -27.0       | PASS   |
| 5369.750000     | -53.4       | 26.4        | -27.0       | PASS   |
| 5358.250000     | -53.4       | 26.4        | -27.0       | PASS   |
| 5354.250000     | -53.4       | 26.4        | -27.0       | PASS   |
| 5352.250000     | -53.5       | 26.5        | -27.0       | PASS   |
| 5372.250000     | -53.5       | 26.5        | -27.0       | PASS   |
| 5368.750000     | -53.5       | 26.5        | -27.0       | PASS   |

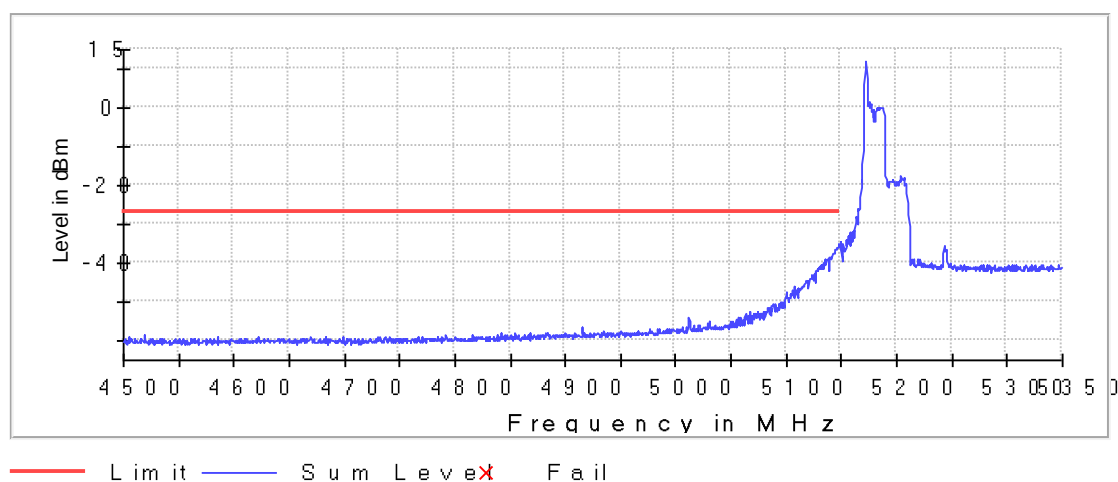
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#04 (ax Mode SISO Radio A) |
| <b>TEST RESULTS:</b>            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

**Bandwidth: 40 MHz**

**Lowest Channel**

Band Edge



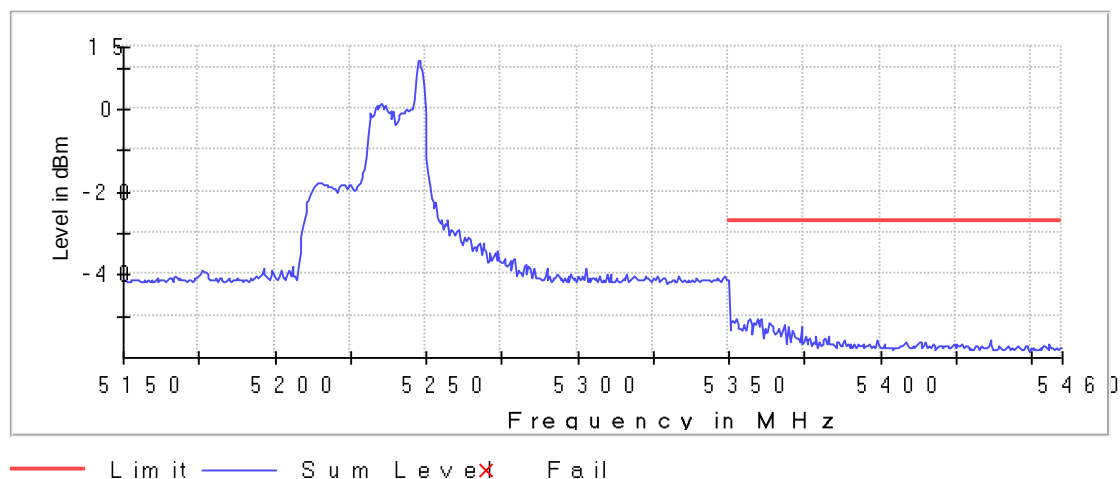
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5109.250000     | -50.7       | 23.7        | -27.0       | PASS   |
| 5108.250000     | -50.9       | 23.9        | -27.0       | PASS   |
| 5148.250000     | -50.9       | 23.9        | -27.0       | PASS   |
| 5108.750000     | -51.3       | 24.3        | -27.0       | PASS   |
| 5143.250000     | -51.5       | 24.5        | -27.0       | PASS   |
| 5107.750000     | -51.5       | 24.5        | -27.0       | PASS   |
| 5144.750000     | -51.6       | 24.6        | -27.0       | PASS   |
| 5145.250000     | -51.6       | 24.6        | -27.0       | PASS   |
| 5144.250000     | -51.9       | 24.9        | -27.0       | PASS   |
| 5145.750000     | -52.2       | 25.2        | -27.0       | PASS   |
| 5143.750000     | -52.4       | 25.4        | -27.0       | PASS   |
| 5147.750000     | -52.5       | 25.5        | -27.0       | PASS   |
| 5107.250000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5135.750000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5148.750000     | -52.8       | 25.8        | -27.0       | PASS   |

## TEST RESULTS (Cont.)

Bandwidth: 40 MHz

Highest Channel

Band Edge



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5356.250000     | -55.4       | 28.4        | -27.0       | PASS   |
| 5375.750000     | -55.8       | 28.8        | -27.0       | PASS   |
| 5358.250000     | -55.9       | 28.9        | -27.0       | PASS   |
| 5378.250000     | -56.0       | 29.0        | -27.0       | PASS   |
| 5388.250000     | -56.1       | 29.1        | -27.0       | PASS   |
| 5389.250000     | -56.1       | 29.1        | -27.0       | PASS   |
| 5361.250000     | -56.1       | 29.1        | -27.0       | PASS   |
| 5389.750000     | -56.2       | 29.2        | -27.0       | PASS   |
| 5394.750000     | -56.2       | 29.2        | -27.0       | PASS   |
| 5360.250000     | -56.2       | 29.2        | -27.0       | PASS   |
| 5388.750000     | -56.2       | 29.2        | -27.0       | PASS   |
| 5357.750000     | -56.2       | 29.2        | -27.0       | PASS   |
| 5374.250000     | -56.2       | 29.2        | -27.0       | PASS   |
| 5350.250000     | -56.3       | 29.3        | -27.0       | PASS   |
| 5360.750000     | -56.3       | 29.3        | -27.0       | PASS   |

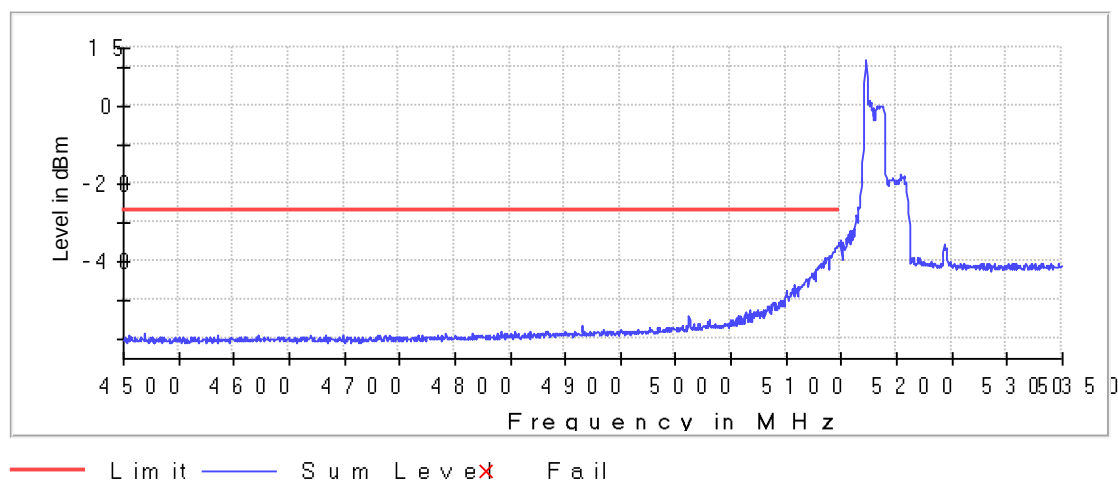
|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode SISO Radio B) |
| TEST RESULTS:            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 40 MHz

Lowest Channel

Band Edge



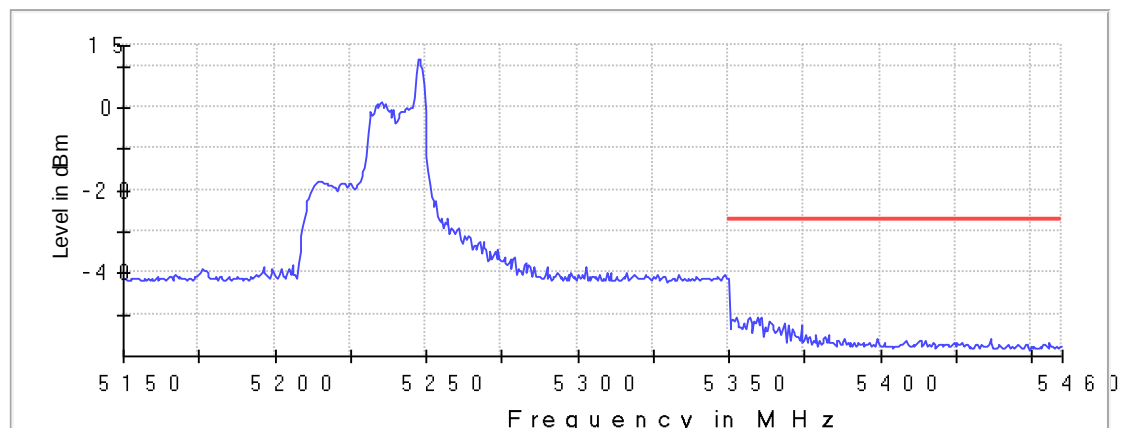
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5108.250000     | -49.4       | 22.4        | -27.0       | PASS   |
| 5109.250000     | -49.8       | 22.8        | -27.0       | PASS   |
| 5108.750000     | -50.3       | 23.3        | -27.0       | PASS   |
| 5140.750000     | -50.3       | 23.3        | -27.0       | PASS   |
| 5109.750000     | -51.0       | 24.0        | -27.0       | PASS   |
| 5107.750000     | -51.5       | 24.5        | -27.0       | PASS   |
| 5147.250000     | -51.5       | 24.5        | -27.0       | PASS   |
| 5139.750000     | -52.3       | 25.3        | -27.0       | PASS   |
| 5148.250000     | -52.4       | 25.4        | -27.0       | PASS   |
| 5140.250000     | -52.5       | 25.5        | -27.0       | PASS   |
| 5147.750000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5119.750000     | -52.9       | 25.9        | -27.0       | PASS   |
| 5146.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5149.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5145.750000     | -53.2       | 26.2        | -27.0       | PASS   |

## TEST RESULTS (Cont.)

Bandwidth: 40 MHz

Highest Channel

Band Edge



— Limit — Sum Level ✗ Fail

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5350.250000     | -56.3       | 29.3        | -27.0       | PASS   |
| 5399.250000     | -56.5       | 29.5        | -27.0       | PASS   |
| 5361.750000     | -56.7       | 29.7        | -27.0       | PASS   |
| 5389.250000     | -56.7       | 29.7        | -27.0       | PASS   |
| 5350.750000     | -56.8       | 29.8        | -27.0       | PASS   |
| 5370.250000     | -56.8       | 29.8        | -27.0       | PASS   |
| 5387.750000     | -56.9       | 29.9        | -27.0       | PASS   |
| 5388.750000     | -56.9       | 29.9        | -27.0       | PASS   |
| 5356.250000     | -56.9       | 29.9        | -27.0       | PASS   |
| 5376.250000     | -56.9       | 29.9        | -27.0       | PASS   |
| 5430.750000     | -57.0       | 30.0        | -27.0       | PASS   |
| 5367.250000     | -57.0       | 30.0        | -27.0       | PASS   |
| 5352.750000     | -57.1       | 30.1        | -27.0       | PASS   |
| 5365.250000     | -57.1       | 30.1        | -27.0       | PASS   |
| 5355.750000     | -57.2       | 30.2        | -27.0       | PASS   |

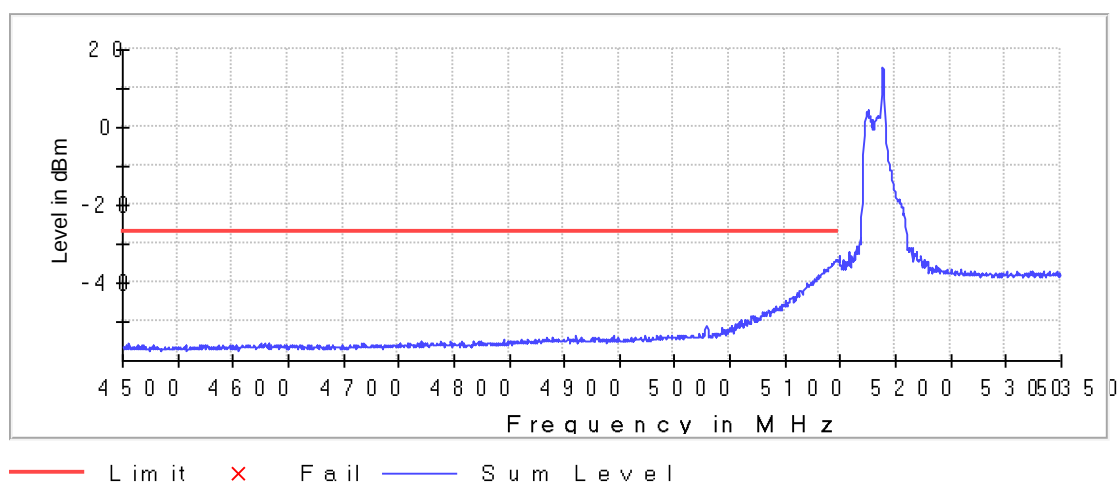
|                                 |                                |
|---------------------------------|--------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                           |
| <b>TESTED CONDITIONS MODES:</b> | TC#04 (ax Mode MIMO Radio A+B) |
| <b>TEST RESULTS:</b>            | PASS                           |

Maximum declared antenna gain: -2.8 dBi

**Bandwidth: 40 MHz**

**Lowest Channel**

Band Edge



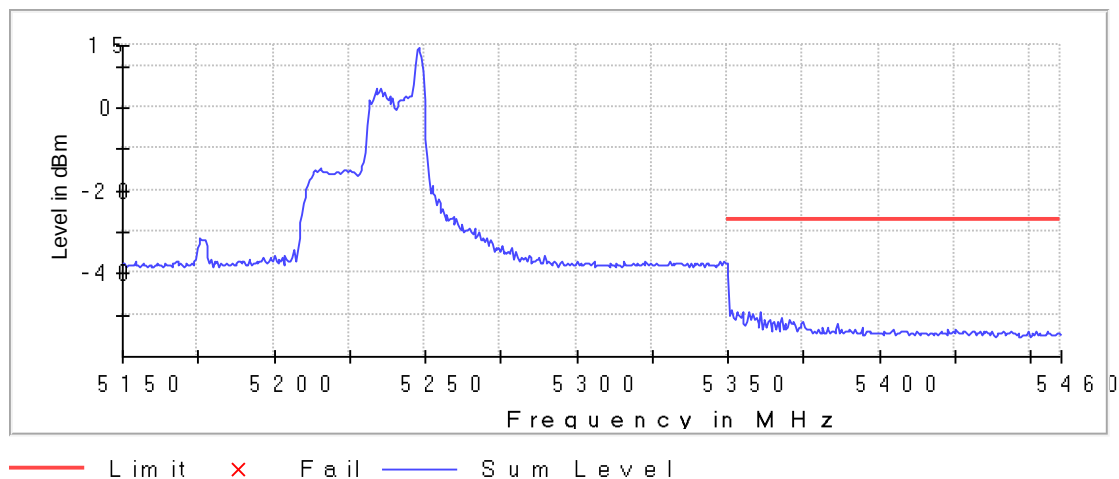
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5145.250000     | -48.1       | 21.1        | -27.0       | PASS   |
| 5144.750000     | -48.7       | 21.7        | -27.0       | PASS   |
| 5108.250000     | -49.3       | 22.3        | -27.0       | PASS   |
| 5149.750000     | -49.3       | 22.3        | -27.0       | PASS   |
| 5108.750000     | -49.4       | 22.4        | -27.0       | PASS   |
| 5145.750000     | -49.6       | 22.6        | -27.0       | PASS   |
| 5109.250000     | -49.6       | 22.6        | -27.0       | PASS   |
| 5146.250000     | -49.7       | 22.7        | -27.0       | PASS   |
| 5143.750000     | -49.8       | 22.8        | -27.0       | PASS   |
| 5149.250000     | -50.0       | 23.0        | -27.0       | PASS   |
| 5107.750000     | -50.1       | 23.1        | -27.0       | PASS   |
| 5109.750000     | -50.2       | 23.2        | -27.0       | PASS   |
| 5147.250000     | -50.5       | 23.5        | -27.0       | PASS   |
| 5148.250000     | -50.5       | 23.5        | -27.0       | PASS   |
| 5140.750000     | -50.5       | 23.5        | -27.0       | PASS   |

## TEST RESULTS (Cont.)

**Bandwidth: 40 MHz**

**Highest Channel**

Band Edge



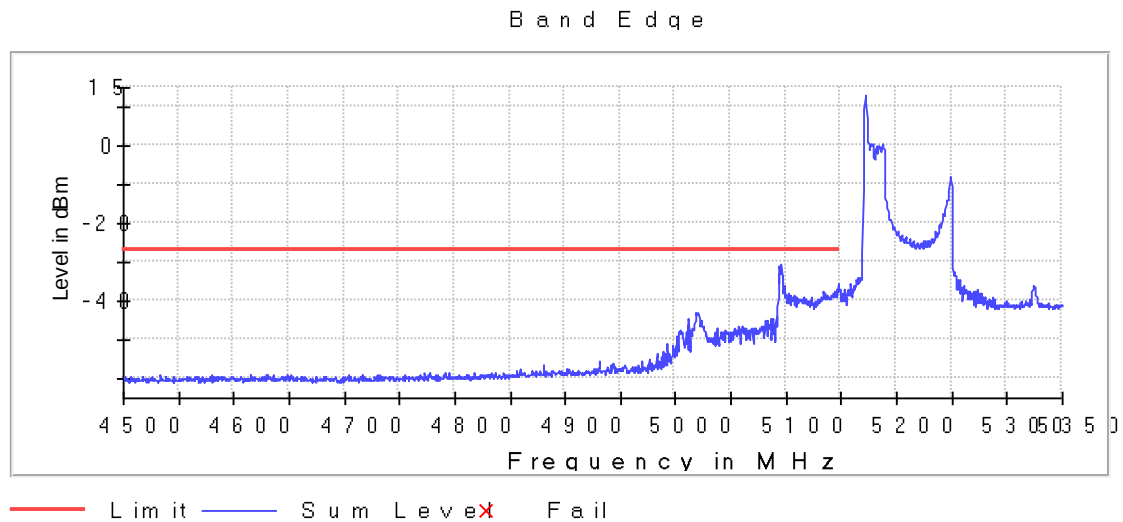
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5359.250000     | -52.6       | 25.6        | -27.0       | PASS   |
| 5387.750000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5374.750000     | -52.8       | 25.8        | -27.0       | PASS   |
| 5388.250000     | -53.0       | 26.0        | -27.0       | PASS   |
| 5389.250000     | -53.0       | 26.0        | -27.0       | PASS   |
| 5364.750000     | -53.0       | 26.0        | -27.0       | PASS   |
| 5385.750000     | -53.0       | 26.0        | -27.0       | PASS   |
| 5388.750000     | -53.0       | 26.0        | -27.0       | PASS   |
| 5356.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5389.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5352.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5354.250000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5356.250000     | -53.2       | 26.2        | -27.0       | PASS   |
| 5353.750000     | -53.2       | 26.2        | -27.0       | PASS   |
| 5368.750000     | -53.2       | 26.2        | -27.0       | PASS   |

|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode SISO Radio A) |
| TEST RESULTS:            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 80 MHz

Lowest Channel



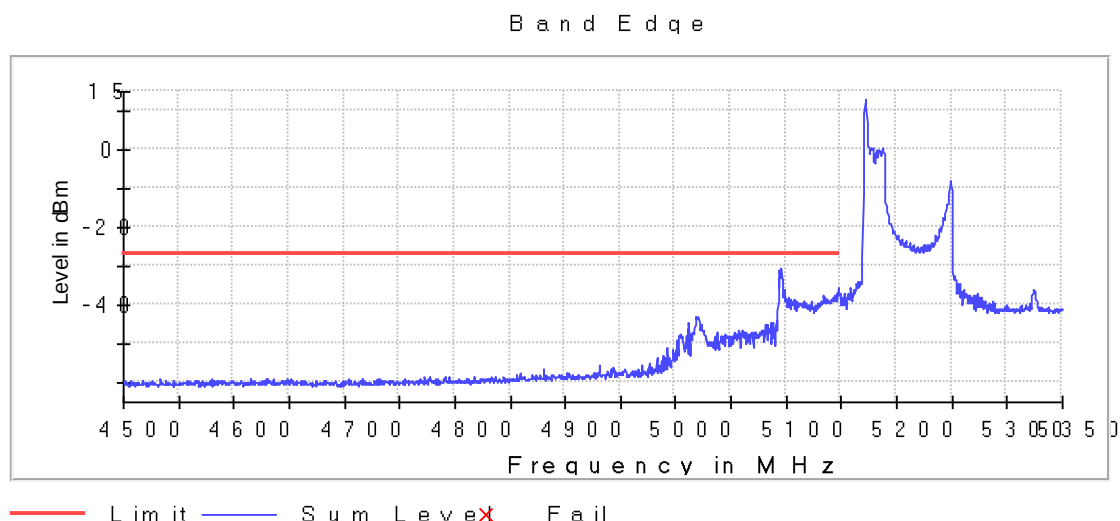
| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5100.750000     | -36.2       | 9.2         | -27.0       | PASS   |
| 5100.250000     | -36.3       | 9.3         | -27.0       | PASS   |
| 5097.750000     | -36.6       | 9.6         | -27.0       | PASS   |
| 5101.750000     | -36.6       | 9.6         | -27.0       | PASS   |
| 5101.250000     | -36.7       | 9.7         | -27.0       | PASS   |
| 5099.250000     | -36.9       | 9.9         | -27.0       | PASS   |
| 5103.250000     | -37.0       | 10.0        | -27.0       | PASS   |
| 5098.250000     | -37.0       | 10.0        | -27.0       | PASS   |
| 5098.750000     | -37.4       | 10.4        | -27.0       | PASS   |
| 5099.750000     | -37.5       | 10.5        | -27.0       | PASS   |
| 5102.250000     | -37.5       | 10.5        | -27.0       | PASS   |
| 5106.250000     | -37.7       | 10.7        | -27.0       | PASS   |
| 5105.250000     | -38.1       | 11.1        | -27.0       | PASS   |
| 5102.750000     | -38.2       | 11.2        | -27.0       | PASS   |
| 5104.250000     | -38.3       | 11.3        | -27.0       | PASS   |

|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode SISO Radio B) |
| TEST RESULTS:            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 80 MHz

Lowest Channel



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5098.750000     | -32.2       | 5.2         | -27.0       | PASS   |
| 5098.250000     | -32.4       | 5.4         | -27.0       | PASS   |
| 5097.750000     | -32.5       | 5.5         | -27.0       | PASS   |
| 5100.750000     | -33.1       | 6.1         | -27.0       | PASS   |
| 5097.250000     | -33.2       | 6.2         | -27.0       | PASS   |
| 5099.250000     | -33.4       | 6.4         | -27.0       | PASS   |
| 5099.750000     | -33.4       | 6.4         | -27.0       | PASS   |
| 5101.250000     | -33.5       | 6.5         | -27.0       | PASS   |
| 5100.250000     | -34.1       | 7.1         | -27.0       | PASS   |
| 5106.250000     | -34.4       | 7.4         | -27.0       | PASS   |
| 5101.750000     | -34.5       | 7.5         | -27.0       | PASS   |
| 5096.750000     | -34.8       | 7.8         | -27.0       | PASS   |
| 5105.750000     | -34.8       | 7.8         | -27.0       | PASS   |
| 5107.250000     | -35.1       | 8.1         | -27.0       | PASS   |
| 5102.250000     | -35.1       | 8.1         | -27.0       | PASS   |

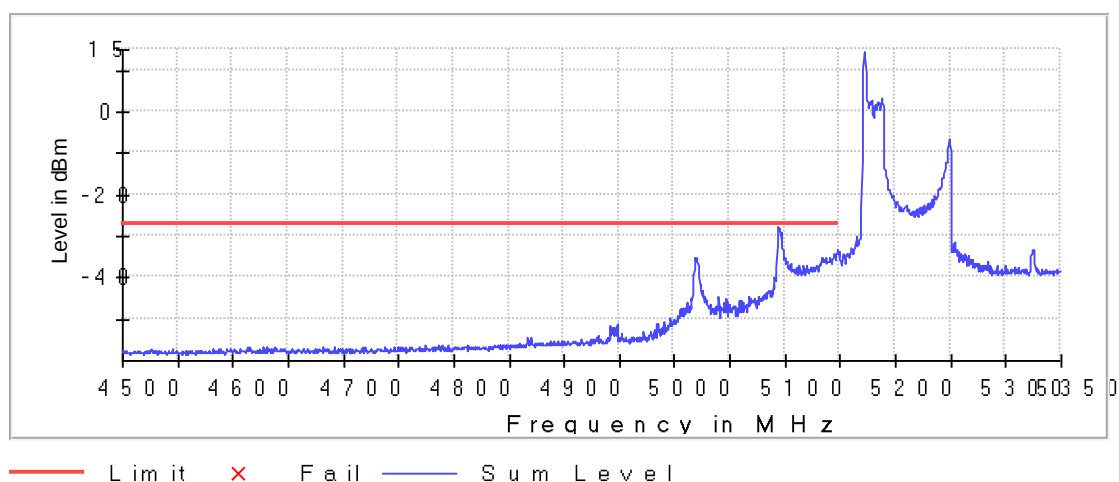
|                                 |                                |
|---------------------------------|--------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                           |
| <b>TESTED CONDITIONS MODES:</b> | TC#04 (ax Mode MIMO Radio A+B) |
| <b>TEST RESULTS:</b>            | PASS                           |

Maximum declared antenna gain: -2.8 dBi

**Bandwidth: 80 MHz**

**Lowest Channel**

Band Edge



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5101.250000     | -32.3       | 5.3         | -27.0       | PASS   |
| 5100.750000     | -33.3       | 6.3         | -27.0       | PASS   |
| 5102.250000     | -33.4       | 6.4         | -27.0       | PASS   |
| 5101.750000     | -33.6       | 6.6         | -27.0       | PASS   |
| 5100.250000     | -34.0       | 7.0         | -27.0       | PASS   |
| 5103.750000     | -34.3       | 7.3         | -27.0       | PASS   |
| 5103.250000     | -34.6       | 7.6         | -27.0       | PASS   |
| 5102.750000     | -34.6       | 7.6         | -27.0       | PASS   |
| 5096.750000     | -34.7       | 7.7         | -27.0       | PASS   |
| 5099.750000     | -34.7       | 7.7         | -27.0       | PASS   |
| 5097.250000     | -34.7       | 7.7         | -27.0       | PASS   |
| 5106.750000     | -34.9       | 7.9         | -27.0       | PASS   |
| 5106.250000     | -35.2       | 8.2         | -27.0       | PASS   |
| 5104.250000     | -35.3       | 8.3         | -27.0       | PASS   |
| 5097.750000     | -35.3       | 8.3         | -27.0       | PASS   |

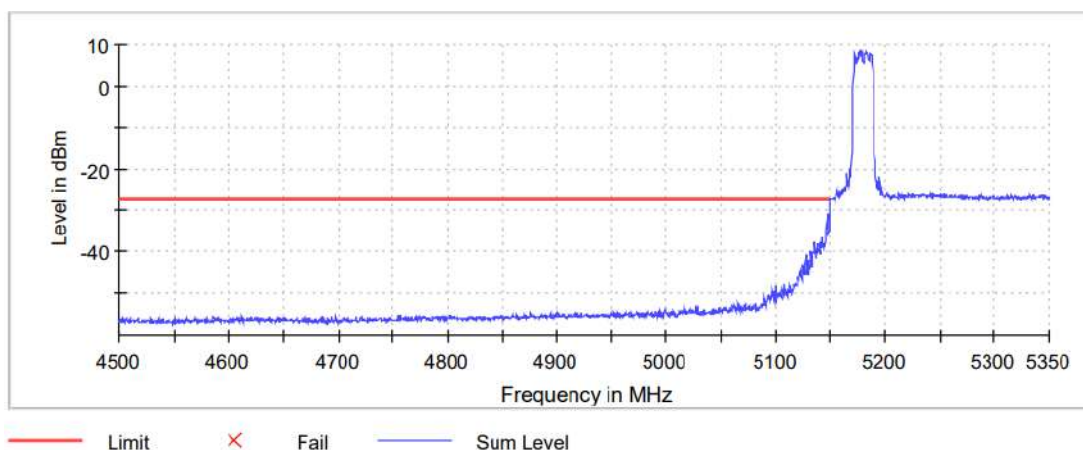
|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#05 (ac Mode Beam forming) |
| TEST RESULTS:            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

Bandwidth: 20 MHz

Lowest Channel

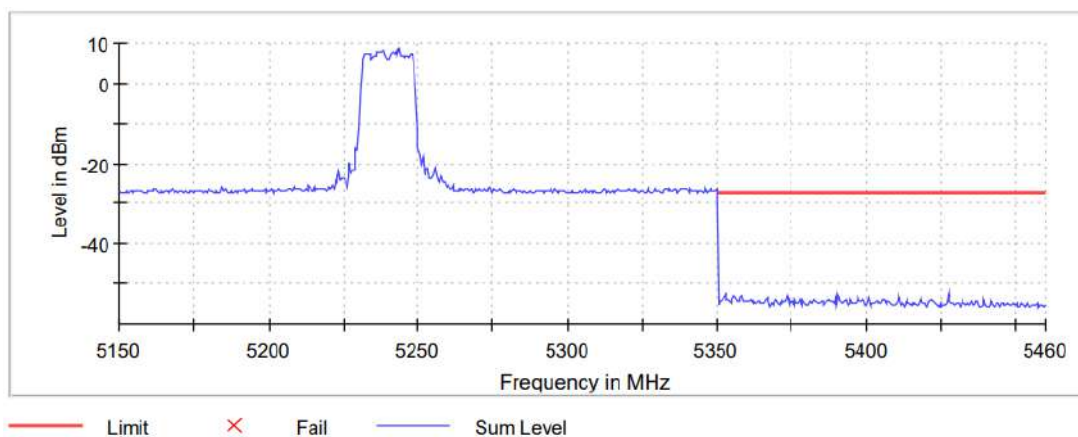


| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5147.250000     | -30.5       | 3.5         | -27.0       | PASS   |
| 5146.750000     | -31.6       | 4.6         | -27.0       | PASS   |
| 5149.250000     | -31.8       | 4.8         | -27.0       | PASS   |
| 5149.750000     | -32.2       | 5.2         | -27.0       | PASS   |
| 5147.750000     | -34.5       | 7.5         | -27.0       | PASS   |
| 5146.250000     | -34.5       | 7.5         | -27.0       | PASS   |
| 5148.750000     | -34.8       | 7.8         | -27.0       | PASS   |
| 5148.250000     | -35.5       | 8.5         | -27.0       | PASS   |
| 5142.250000     | -36.2       | 9.2         | -27.0       | PASS   |
| 5145.750000     | -36.7       | 9.7         | -27.0       | PASS   |
| 5145.250000     | -37.6       | 10.6        | -27.0       | PASS   |
| 5140.750000     | -37.8       | 10.8        | -27.0       | PASS   |
| 5135.750000     | -37.8       | 10.8        | -27.0       | PASS   |
| 5138.250000     | -37.9       | 10.9        | -27.0       | PASS   |
| 5143.250000     | -38.2       | 11.2        | -27.0       | PASS   |

## TEST RESULTS (Cont.)

**Bandwidth: 20 MHz**

**Highest Channel**



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5427.250000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5352.750000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5358.250000     | -52.9       | 25.9        | -27.0       | PASS   |
| 5355.750000     | -52.9       | 25.9        | -27.0       | PASS   |
| 5373.250000     | -53.0       | 26.0        | -27.0       | PASS   |
| 5389.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5390.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5356.250000     | -53.3       | 26.3        | -27.0       | PASS   |
| 5366.750000     | -53.3       | 26.3        | -27.0       | PASS   |
| 5397.250000     | -53.5       | 26.5        | -27.0       | PASS   |
| 5357.750000     | -53.5       | 26.5        | -27.0       | PASS   |
| 5352.250000     | -53.5       | 26.5        | -27.0       | PASS   |
| 5411.250000     | -53.6       | 26.6        | -27.0       | PASS   |
| 5400.750000     | -53.6       | 26.6        | -27.0       | PASS   |
| 5355.250000     | -53.7       | 26.7        | -27.0       | PASS   |

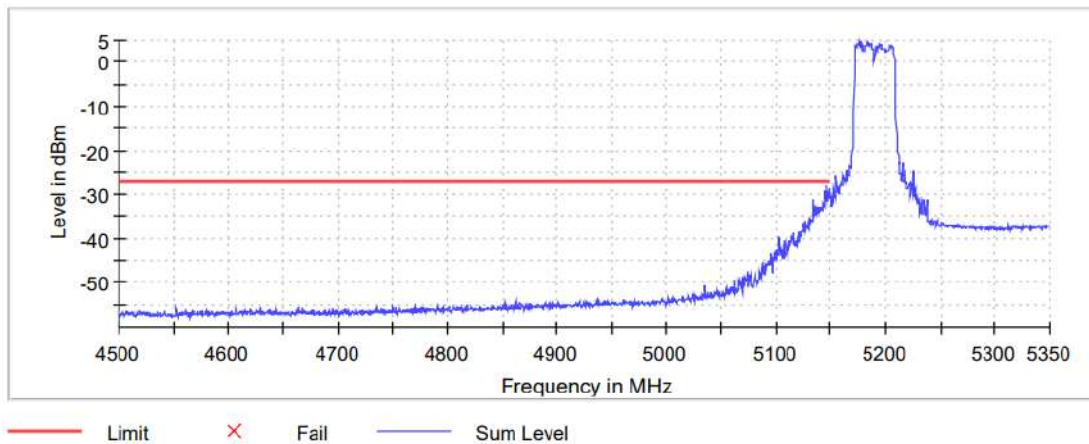
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#05 (ac Mode Beam forming) |
| <b>TEST RESULTS:</b>            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

**Bandwidth: 40 MHz**

**Lowest Channel**

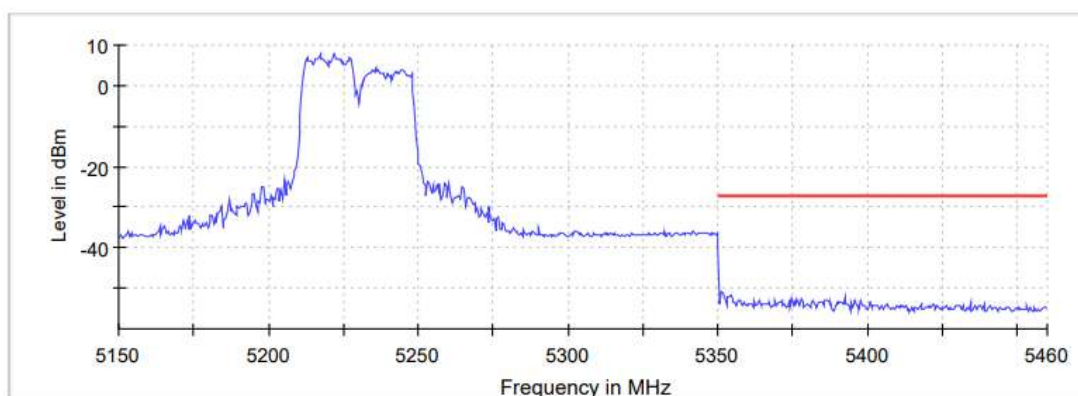


| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5146.250000     | -28.0       | 1.0         | -27.0       | PASS   |
| 5149.750000     | -28.5       | 1.5         | -27.0       | PASS   |
| 5144.250000     | -29.1       | 2.1         | -27.0       | PASS   |
| 5148.250000     | -29.5       | 2.5         | -27.0       | PASS   |
| 5148.750000     | -30.1       | 3.1         | -27.0       | PASS   |
| 5144.750000     | -30.3       | 3.3         | -27.0       | PASS   |
| 5147.750000     | -30.6       | 3.6         | -27.0       | PASS   |
| 5149.250000     | -30.6       | 3.6         | -27.0       | PASS   |
| 5147.250000     | -30.7       | 3.7         | -27.0       | PASS   |
| 5143.750000     | -30.8       | 3.8         | -27.0       | PASS   |
| 5133.750000     | -31.3       | 4.3         | -27.0       | PASS   |
| 5146.750000     | -31.6       | 4.6         | -27.0       | PASS   |
| 5145.750000     | -31.6       | 4.6         | -27.0       | PASS   |
| 5145.250000     | -31.7       | 4.7         | -27.0       | PASS   |
| 5142.750000     | -31.8       | 4.8         | -27.0       | PASS   |

## TEST RESULTS (Cont.)

**Bandwidth: 40 MHz**

**Highest Channel**



— Limit    × Fail    — Sum Level

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5351.250000     | -50.6       | 23.6        | -27.0       | PASS   |
| 5351.750000     | -51.4       | 24.4        | -27.0       | PASS   |
| 5354.250000     | -51.7       | 24.7        | -27.0       | PASS   |
| 5353.250000     | -51.9       | 24.9        | -27.0       | PASS   |
| 5353.750000     | -52.1       | 25.1        | -27.0       | PASS   |
| 5392.250000     | -52.2       | 25.2        | -27.0       | PASS   |
| 5350.250000     | -52.3       | 25.3        | -27.0       | PASS   |
| 5354.750000     | -52.5       | 25.5        | -27.0       | PASS   |
| 5374.750000     | -52.6       | 25.6        | -27.0       | PASS   |
| 5352.250000     | -52.6       | 25.6        | -27.0       | PASS   |
| 5377.750000     | -52.7       | 25.7        | -27.0       | PASS   |
| 5386.750000     | -52.8       | 25.8        | -27.0       | PASS   |
| 5363.750000     | -52.9       | 25.9        | -27.0       | PASS   |
| 5397.750000     | -53.1       | 26.1        | -27.0       | PASS   |
| 5386.250000     | -53.1       | 26.1        | -27.0       | PASS   |

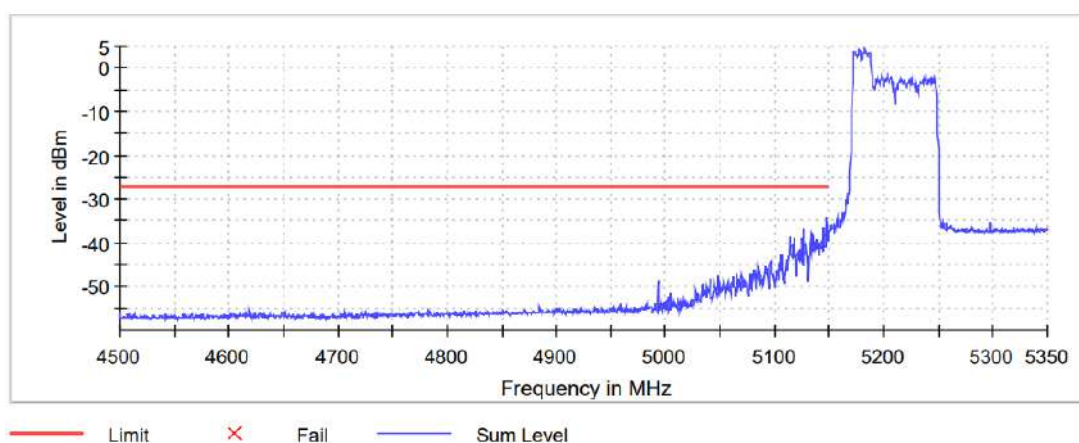
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#05 (ac Mode Beam forming) |
| <b>TEST RESULTS:</b>            | PASS                         |

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

**Bandwidth: 80 MHz**

**Lowest Channel**



| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) | Result |
|-----------------|-------------|-------------|-------------|--------|
| 5148.250000     | -34.0       | 7.0         | -27.0       | PASS   |
| 5145.250000     | -36.3       | 9.3         | -27.0       | PASS   |
| 5143.750000     | -36.4       | 9.4         | -27.0       | PASS   |
| 5126.250000     | -36.9       | 9.9         | -27.0       | PASS   |
| 5145.750000     | -37.0       | 10.0        | -27.0       | PASS   |
| 5134.250000     | -37.8       | 10.8        | -27.0       | PASS   |
| 5133.250000     | -38.1       | 11.1        | -27.0       | PASS   |
| 5147.250000     | -38.2       | 11.2        | -27.0       | PASS   |
| 5144.250000     | -38.3       | 11.3        | -27.0       | PASS   |
| 5134.750000     | -38.3       | 11.3        | -27.0       | PASS   |
| 5148.750000     | -38.4       | 11.4        | -27.0       | PASS   |
| 5113.750000     | -38.4       | 11.4        | -27.0       | PASS   |
| 5147.750000     | -38.6       | 11.6        | -27.0       | PASS   |
| 5117.750000     | -38.9       | 11.9        | -27.0       | PASS   |
| 5125.250000     | -39.0       | 12.0        | -27.0       | PASS   |

## SECTION B.5: UNDESIRABLE RADIATED EMISSIONS (TRANSMITTER)

|                |                   |                                                                 |
|----------------|-------------------|-----------------------------------------------------------------|
| <b>LIMITS:</b> | Product standard: | Part 15 Subpart C §15.407 and RSS-247                           |
|                | Test standard:    | Part 15 Subpart E §15.407(b) (1) & (4) and RSS-Gen 8.9 and 8.10 |

### LIMITS

For transmitters operating in the 5.15 – 5.25 GHz band: all emissions outside of the 5.15 – 5.25 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.23 dBμ V/m at 3m distance).

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c) / RSS-Gen):

| Frequency Range (MHz) | Field strength (μV/m) | Field strength (dBμV/m) | Measurement distance (m) |
|-----------------------|-----------------------|-------------------------|--------------------------|
| 0.009-0.490           | 2400/F(kHz)           | -                       | 300                      |
| 0.490-1.705           | 24000/F(kHz)          | -                       | 30                       |
| 1.705 - 30.0          | 30                    | -                       | 30                       |
| 30 - 88               | 100                   | 40                      | 3                        |
| 88 - 216              | 150                   | 43.5                    | 3                        |
| 216 - 960             | 200                   | 46                      | 3                        |
| 960 - 25000           | 500                   | 54                      | 3                        |

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function

### TEST SETUP

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at 3 m for the frequency ranges 30-1000 MHz (Bilog antenna) and 1-18 GHz (Double ridge horn antennas) and at 1m for the frequency range 18-40 GHz (Double ridge horn antennas).

For radiated emissions in the range 18-40 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

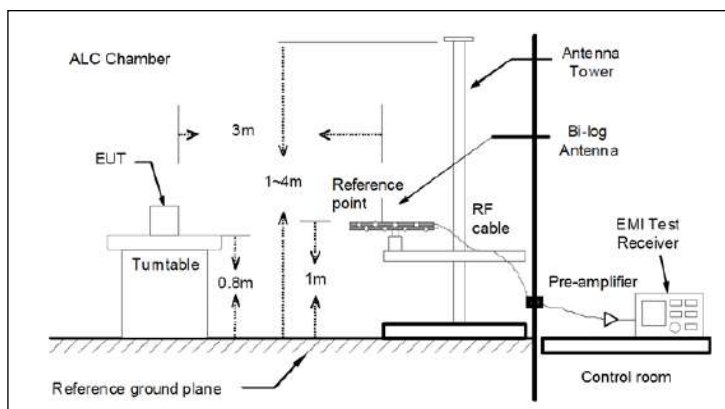
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

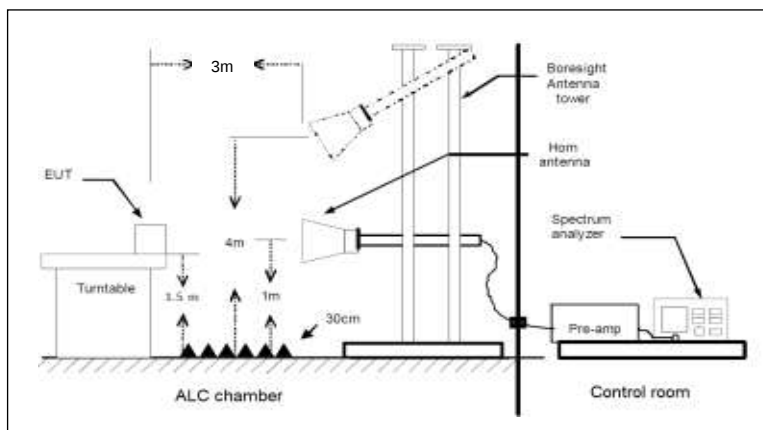
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

## TEST SETUP (CONT.)

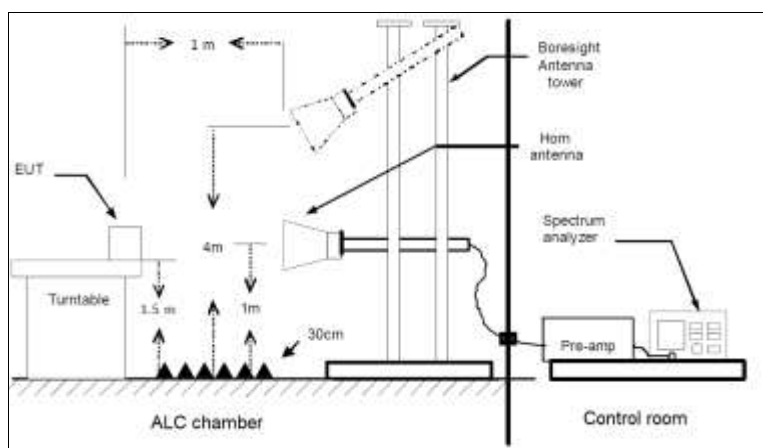
### Radiated measurements Setup $f < 1$ GHz



### Radiated measurements setup $1 < f < 18$ GHz



### Radiated measurements setup $f > 18$ GHz



|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/02                           |
| TESTED CONDITIONS MODES: | TC#05 (ac Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

### Frequency range 30 MHz – 1000 MHz

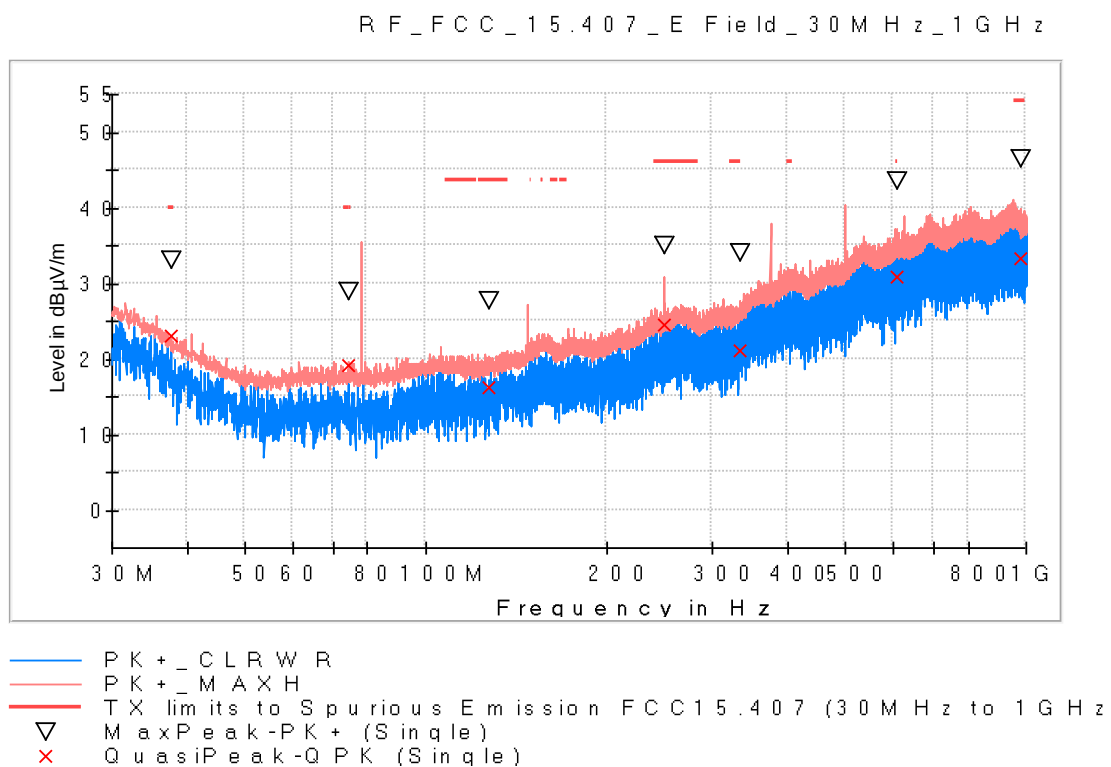
The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT.

### Frequency range 1 GHz – 40 GHz

The results and plots below show the maximum measured levels in the 1 - 40 GHz range and the restricted band 4.5 – 5.46 GHz. Selected operation mode for this range (ac mode MIMO Radio A+B).

The results for the worst operation mode of ac20 mode are shown below.

|                 |                |
|-----------------|----------------|
| FREQUENCY RANGE | 30 MHz – 1 GHz |
|-----------------|----------------|



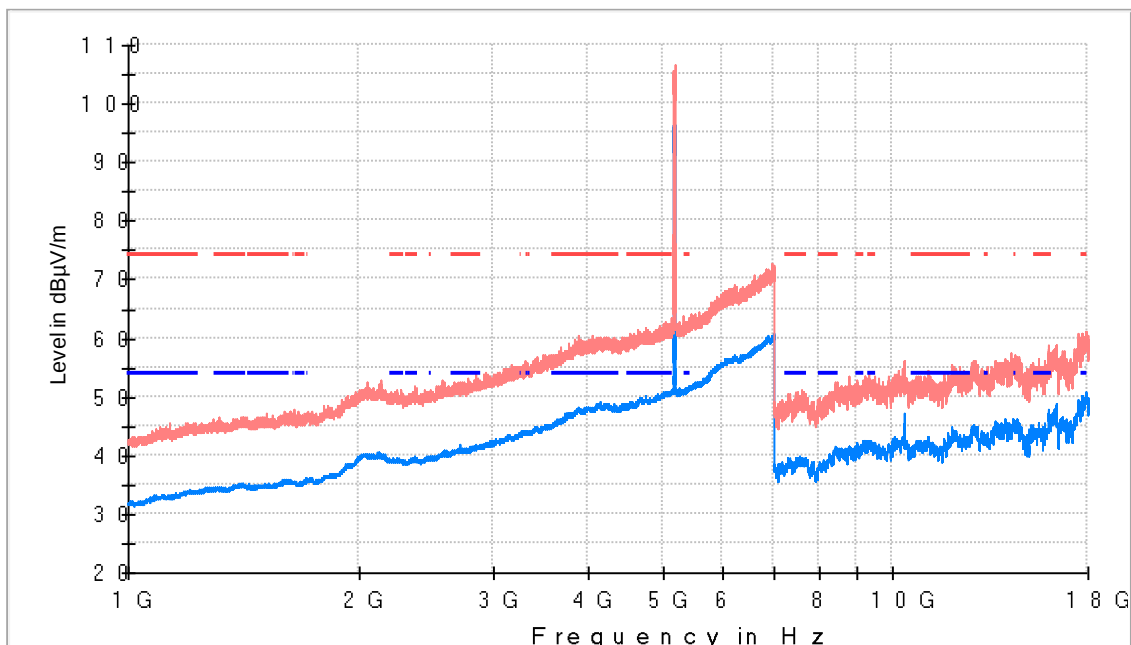
| Frequency (MHz) | MaxPeak (dBµV/m) | QuasiPeak (dBµV/m) | Pol | Margin - QPK (dB) | Limit - QPK (dBµV/m) |
|-----------------|------------------|--------------------|-----|-------------------|----------------------|
| 37.721500       | 32.8             | 23.0               | H   | 17.0              | 40.0                 |
| 74.340000       | 29.1             | 19.0               | H   | 21.0              | 40.0                 |
| 127.768000      | 27.6             | 16.4               | V   | 27.1              | 43.5                 |
| 250.005000      | 34.8             | 24.7               | V   | 21.3              | 46.0                 |
| 333.320000      | 34.0             | 21.3               | H   | 24.7              | 46.0                 |
| 609.925000      | 43.5             | 30.6               | H   | 15.5              | 46.0                 |
| 980.076000      | 46.7             | 33.5               | V   | 20.5              | 54.0                 |

**TEST RESULTS (Cont.)**

**1 GHz – 18 GHz**

**Bandwidth: 20 MHz**

**Lowest Channel**



— AVG\_MAXH  
 — PK+\_MAXH  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

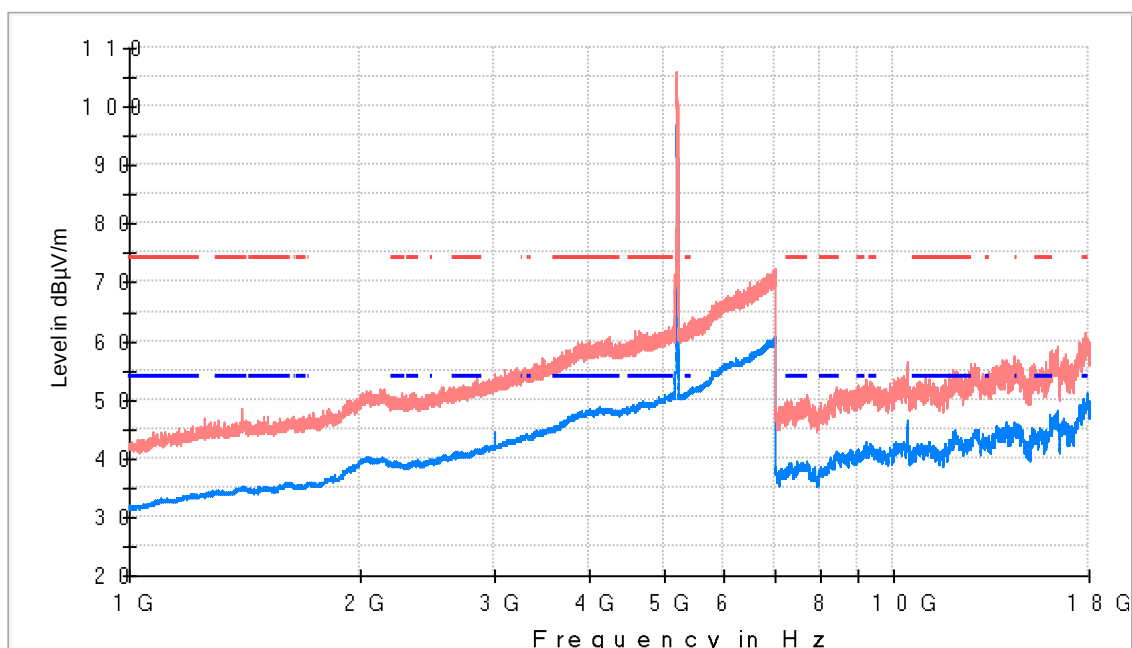
| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) | Comment     |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 5174.500000     | 105.4             | 96.5              | H   | ---               | ---                  | Fundamental |
| 10361.000000    | 54.7              | 47.3              | V   | ---               | ---                  |             |
| 17936.000000    | 59.9              | 51.0              | H   | 3.0               | 54.0                 |             |

**TEST RESULTS (Cont.)**

**1 GHz – 18 GHz**

**Bandwidth: 20 MHz**

**Middle Channel**



— AVG\_MAXH  
 — PK+\_MAXH  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

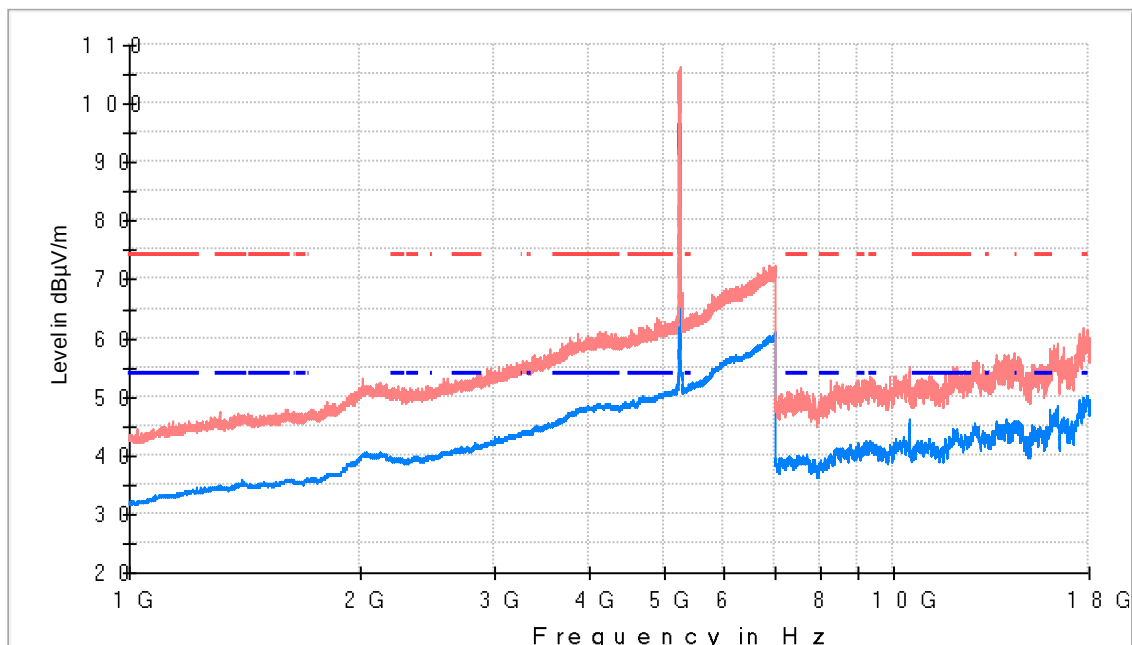
| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) | Comment     |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 5205.000000     | 105.9             | 95.5              | H   | ---               | ---                  | Fundamental |
| 10394.000000    | 56.6              | 45.8              | H   | ---               | ---                  |             |
| 17937.000000    | 58.9              | 51.1              | V   | 2.9               | 54.0                 |             |

TEST RESULTS (Cont.)

1 GHz – 18 GHz

Bandwidth: 20 MHz

Highest Channel



— AVG\_MAXH  
— PK+\_MAXH  
— TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
— TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

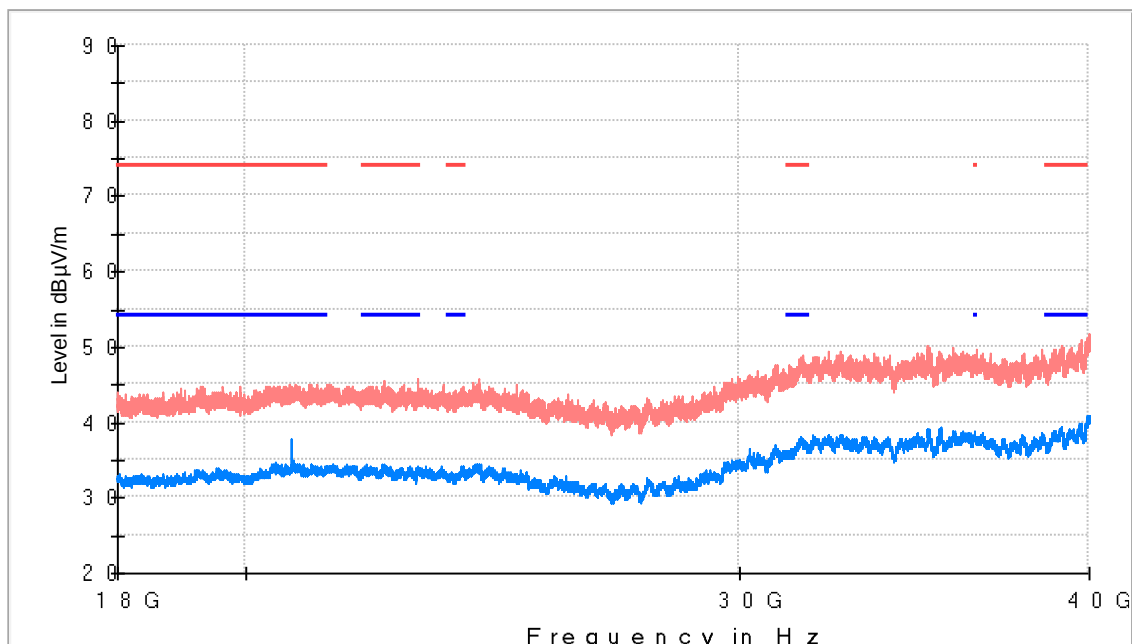
| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) | Comment     |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 5248.000000     | 106.2             | 95.4              | H   | ---               | ---                  | Fundamental |
| 10483.500000    | 53.9              | 45.7              | H   | ---               | ---                  |             |
| 17929.000000    | 59.4              | 50.2              | H   | 3.8               | 54.0                 |             |

**FREQUENCY RANGE**

**18 GHz – 40 GHz**

**Bandwidth: 20 MHz**

**Lowest Channel**



— AVG \_ M A X H

— P K + \_ M A X H

— T X lim its to S purious E m ission F C C 1 5 . 4 0 7 ( 1 G H z to 4 0 G H z

— T X lim its to S purious E m ission F C C 1 5 . 4 0 7 ( 1 G H z to 4 0 G H z

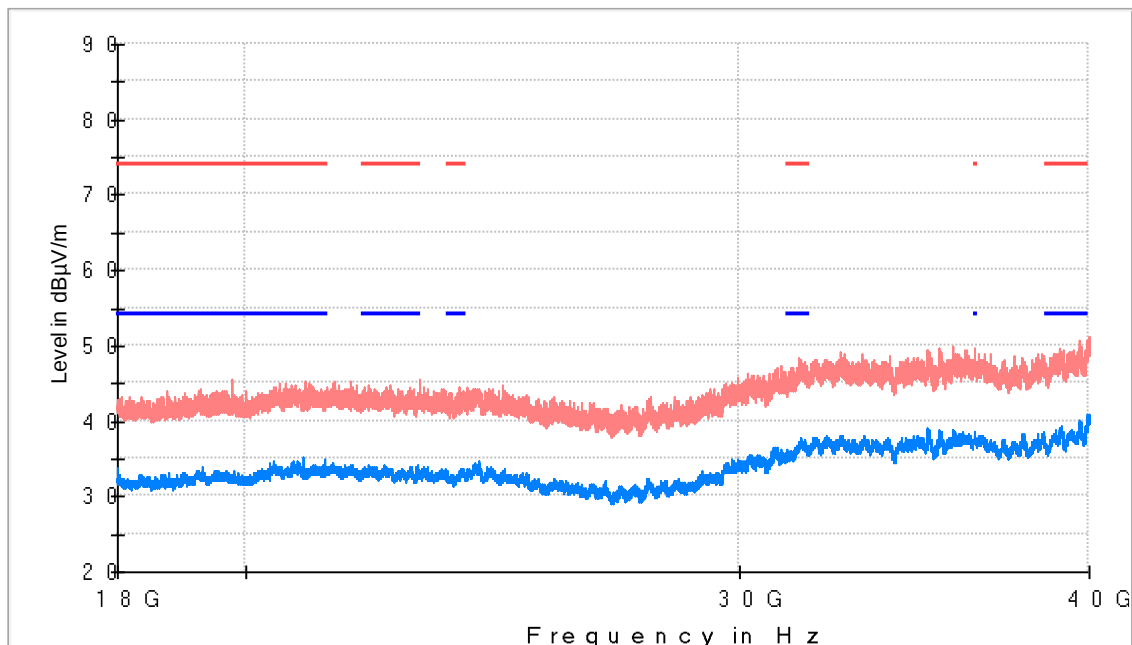
| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 20799.500000    | 44.7              | 37.9              | V   | 16.1              | 54.0                 |
| 39964.937500    | 49.8              | 41.1              | H   | 12.9              | 54.0                 |

**TEST RESULTS (Cont.)**

**18 GHz – 40 GHz**

**Bandwidth: 20 MHz**

**Middle Channel**



— A V G \_ M A X H  
— P K + \_ M A X H  
— T X lim its to S purious E m ission F C C 1 5 . 4 0 7 ( 1 G H z to 4 0 G H z )  
— T X lim its to S purious E m ission F C C 1 5 . 4 0 7 ( 1 G H z to 4 0 G H z )

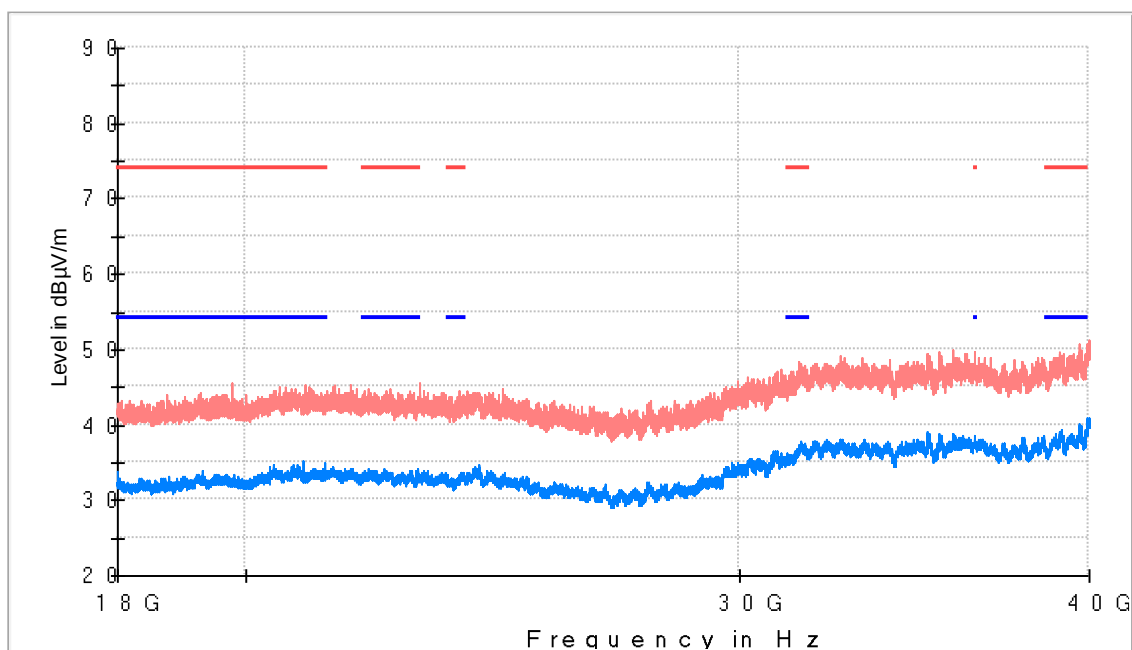
| Frequency (MHz) | PK+ MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 20759.625000    | 43.2              | 37.8              | H   | 16.2              | 54.0                 |
| 39969.750000    | 51.7              | 40.9              | H   | 13.1              | 54.0                 |

**TEST RESULTS (Cont.)**

**18 GHz – 40 GHz**

**Bandwidth: 20 MHz**

**Highest Channel**



— AVG \_ M A X H  
 — P K + \_ M A X H  
 — T X l i m i t s t o S p u r i o u s E m i s s i o n F C C 1 5 . 4 0 7 ( 1 G H z t o 4 0 G H z )  
 — T X l i m i t s t o S p u r i o u s E m i s s i o n F C C 1 5 . 4 0 7 ( 1 G H z t o 4 0 G H z )

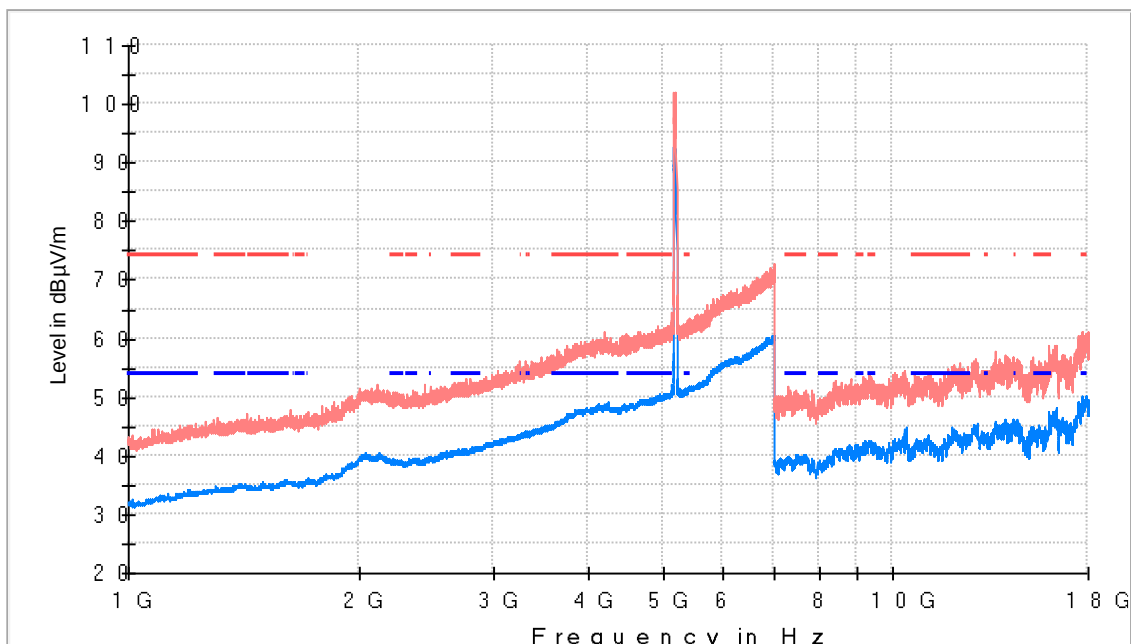
| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 20959.687500    | 43.4              | 35.3              | V   | 18.7              | 54.0                 |
| 39958.062500    | 49.7              | 40.9              | H   | 13.1              | 54.0                 |

**TEST RESULTS (Cont.)**

**1 GHz – 18 GHz**

**Bandwidth: 40 MHz**

**Lowest Channel**



— AVG\_MAXH

— PK+\_MAXH

— TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

— TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

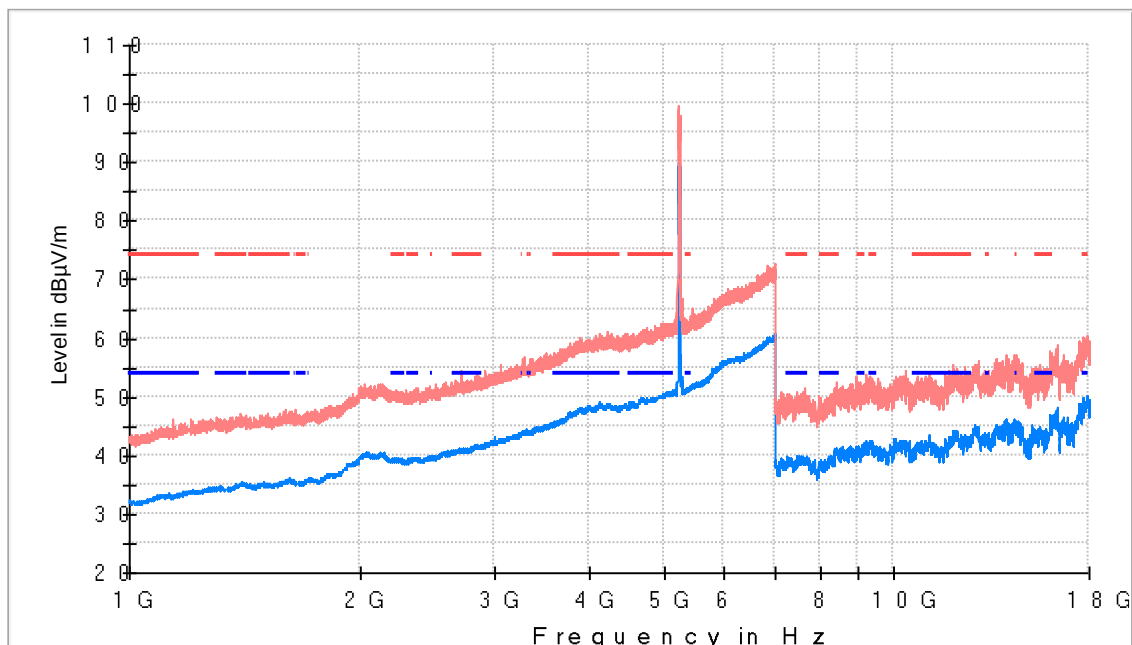
| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) | Comment     |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 5195.000000     | 102.0             | 92.1              | H   | ---               | ---                  | Fundamental |
| 10383.500000    | 54.4              | 44.3              | H   | ---               | ---                  |             |
| 17940.000000    | 59.2              | 50.4              | H   | 3.6               | 54.0                 |             |

**TEST RESULTS (Cont.)**

**1 GHz – 18 GHz**

**Bandwidth: 40 MHz**

**Highest Channel**



— AVG\_MAXH  
 — PK+\_MAXH  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

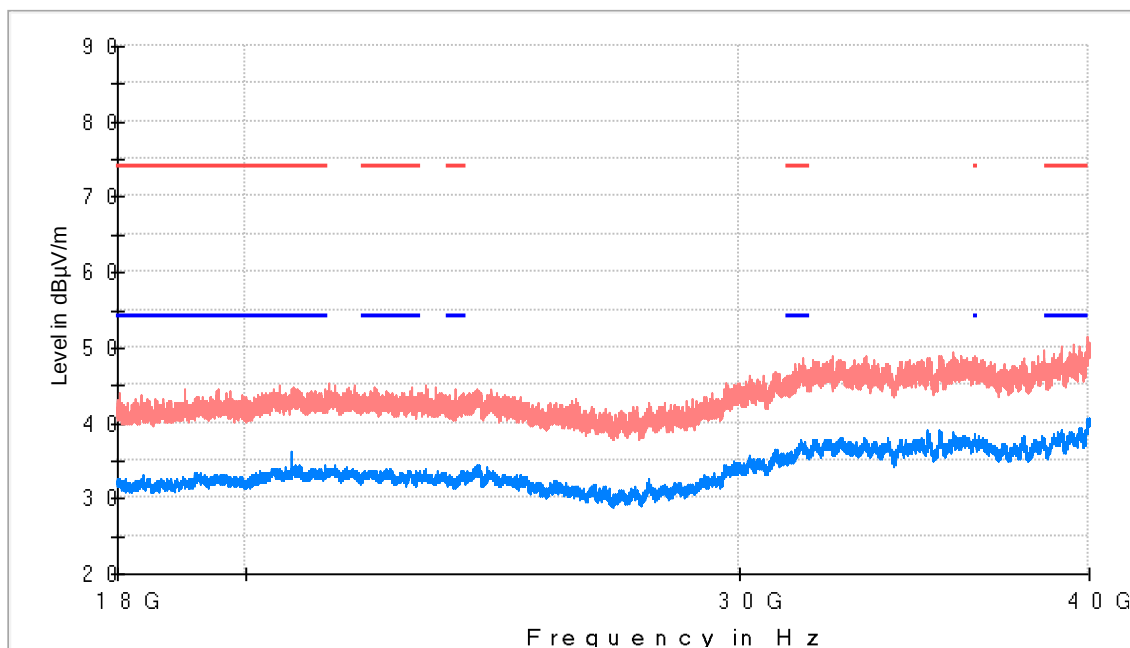
| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) | Comment     |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 5225.500000     | 99.7              | 88.7              | H   | ---               | ---                  | Fundamental |
| 17937.000000    | 58.8              | 50.2              | H   | 3.8               | 54.0                 |             |

**FREQUENCY RANGE**

**18 GHz – 40 GHz**

**Bandwidth: 40 MHz**

**Lowest Channel**



— AVG\_MAXH  
 — PK+\_MAXH  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

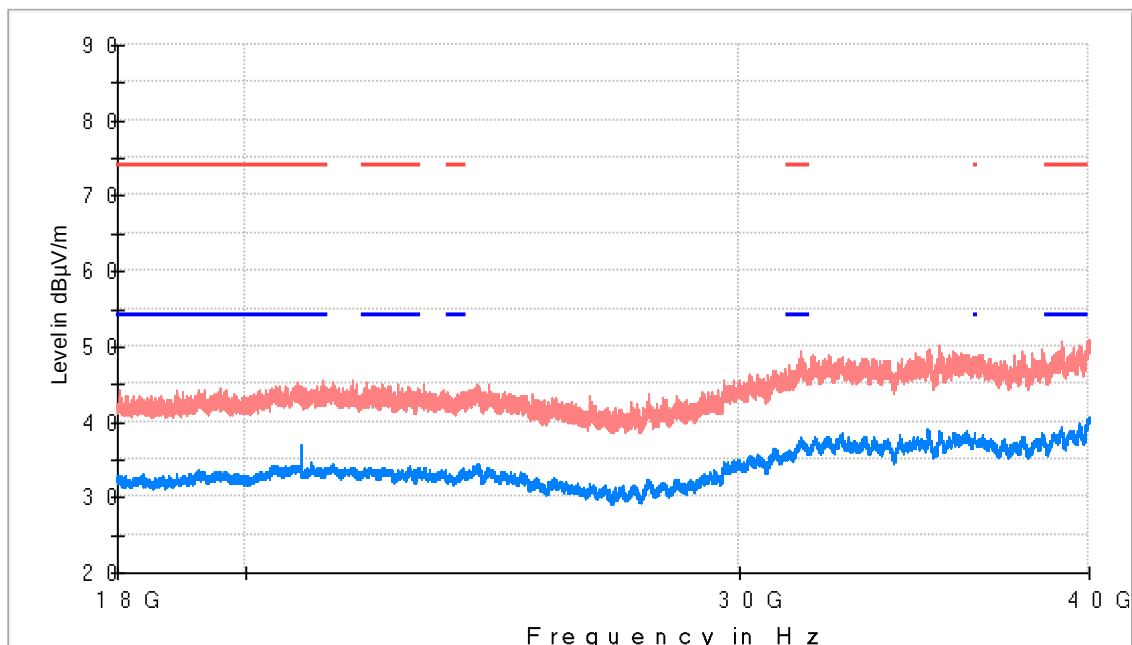
| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG |
|-----------------|-------------------|-------------------|-----|-------------------|-------------|
| 20759.625000    | 44.4              | 36.3              | V   | 17.7              | 54.0        |
| 39961.500000    | 48.9              | 40.5              | V   | 13.5              | 54.0        |

**TEST RESULTS (Cont.)**

**18 GHz – 40 GHz**

**Bandwidth: 40 MHz**

**Highest Channel**



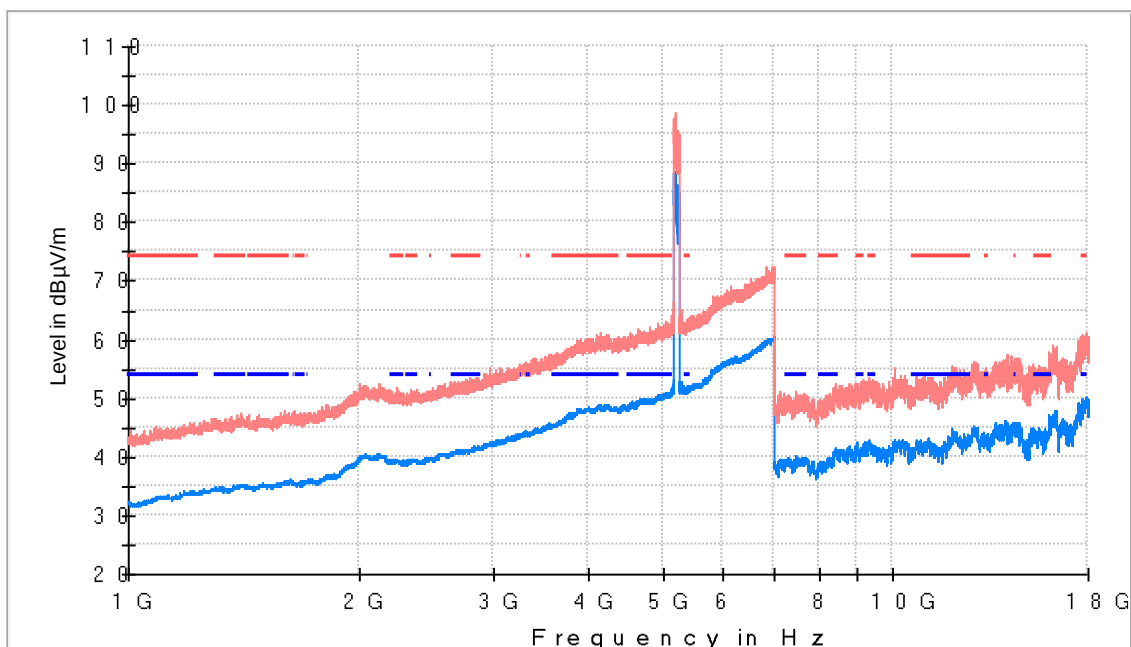
— AVG\_MAXH  
 — PK+\_MAXH  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 20919.812500    | 44.3              | 37.0              | V   | 17.0              | 54.0                 |
| 39976.625000    | 49.8              | 40.5              | V   | 13.5              | 54.0                 |

**FREQUENCY RANGE**

**1 GHz – 18 GHz**

**Bandwidth: 80 MHz**



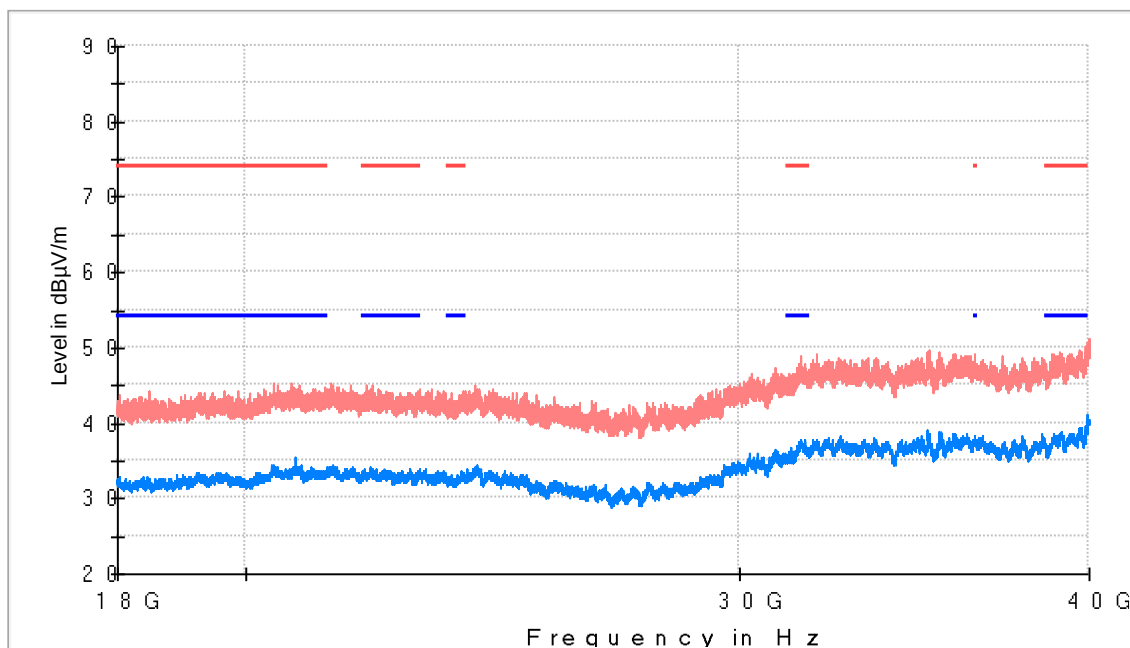
— AVG\_MAXH  
— PK+\_MAXH  
- - - TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
- - - TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) | Comment     |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 5185.000000     | 98.1              | 88.8              | H   | ---               | ---                  | Fundamental |
| 17926.500000    | 60.0              | 50.1              | V   | 3.9               | 54.0                 |             |

**TEST RESULTS (Cont.)**

**18 GHz – 40 GHz**

**Bandwidth: 80 MHz**



— AVG\_MAXH  
 — PK+\_MAXH  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)  
 — TX limits to Spurious Emission FCC15.407 (1 GHz to 40 GHz)

| Frequency (MHz) | PK+_MAXH (dBμV/m) | AVG_MAXH (dBμV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 20840.062500    | 44.1              | 35.6              | V   | 18.4              | 54.0                 |
| 39964.937500    | 49.7              | 41.1              | H   | 12.9              | 54.0                 |

| Subrange        | Step Size | Detectors | Bandwidth | Sweep Time |
|-----------------|-----------|-----------|-----------|------------|
| 30 MHz - 1 GHz  | 48.5 kHz  | PK+; QPK  | 100 kHz   | 1 s        |
| 1 GHz - 7 GHz   | 500 kHz   | PK+ ; AVG | 1 MHz     | 1 s        |
| 7 GHz - 18 GHz  | 500 kHz   | PK+ ; AVG | 1 MHz     | 1 s        |
| 18 GHz - 40 GHz | 500 kHz   | PK+ ; AVG | 1 MHz     | 1 s        |

## Appendix C: Test results 5.25 GHz – 5.35 GHz Band

# Appendix C Content

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## DESCRIPTION OF TEST CONDITIONS

| TEST CONDITIONS                  | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TC#01 <sup>(1)</sup><br>(a mode) | <p><u>Power supply (V):</u><br/> <math>V_{\text{nominal}} = 12 \text{ Vdc}</math></p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest range: 5260 MHz<br/> Middle channel: 5280 MHz<br/> Highest range: 5320 MHz</p>                                                                                                                                                                                                      |
| TC#02 <sup>(1)</sup><br>(n mode) | <p><u>Power supply (V):</u><br/> <math>V_{\text{nominal}} = 12 \text{ Vdc}</math></p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest range: 5260 MHz<br/> Middle channel: 5280 MHz<br/> Highest range: 5320 MHz</p> <p><u>Channel Bandwidth:</u> 40 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5270 MHz<br/> Highest channel: 5310 MHz</p> |

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>TC#03<sup>(1)</sup><br/>(ac mode)</p>                     | <p><u>Power supply (V):</u><br/><math>V_{\text{nominal}} = 12 \text{ Vdc}</math></p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5260 MHz<br/>Middle channel: 5280 MHz<br/>Highest channel: 5320 MHz</p> <p><u>Channel Bandwidth:</u>40 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5270 MHz<br/>Highest channel: 5310 MHz</p> <p><u>Channel Bandwidth:</u> 80 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5290 MHz</p> |
| <p>TC#04<sup>(1)(2)</sup><br/>(ax mode non-beam forming)</p> | <p><u>Power supply (V):</u><br/><math>V_{\text{nominal}} = 12 \text{ Vdc}</math></p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5260 MHz<br/>Middle channel: 5280 MHz<br/>Highest channel: 5320 MHz</p> <p><u>Channel Bandwidth:</u>40 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5270 MHz<br/>Highest channel: 5310 MHz</p> <p><u>Channel Bandwidth:</u> 80 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B)</u></p> <p>Lowest channel: 5290 MHz</p> |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>TC#05<sup>(1)</sup><br/>(ac mode Beam forming)</p> | <p><u>Power supply (V):</u><br/><math>V_{\text{nominal}} = 12 \text{ Vdc}</math></p> <p><u>Channel Bandwidth:</u> 20 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests (MIMO A+B):</u><br/>Lowest channel: 5260 MHz<br/>Middle channel: 5280 MHz<br/>Highest channel: 5320 MHz</p> <p><u>Channel Bandwidth:</u> 40 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests (MIMO A+B):</u><br/>Lowest channel: 5270 MHz<br/>Highest channel: 5310 MHz</p> <p><u>Channel Bandwidth:</u> 80 MHz</p> <p><u>Test Frequencies for Conducted/Radiated tests (MIMO A+B):</u><br/>Lowest channel: 5290 MHz</p> |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Note (1): The test set-up was made in accordance to the general provisions of FCC Unlicensed National Information Infrastructure (U-NII) Devices 789033 D02 General U-NII Test Procedures New Rules v02r01 dated Dec 14, 2017.

The EUT was tested in the following operating mode:

- Continuously transmitting with a modulated carrier at maximum power in all required channels using the supported data rates/modulation types.
- Preliminary tests for 26 dB and Occupied bandwidth determined the SISO worst case: Port A.
- For spurious emissions for OFDM modes 802.11a, 802.11n20/40, 802.11ac20/40/80, and 11ax20/40/80 a preliminary scan was performed to determine the worst case. The following tables and plots show the results for the worst case in 802.11ac mode.
- The data rates of 54Mb/s for 802.11a, MCS 7 for 802.11n, MCS8 for 802.11ac20 and MCS9 for 802.11ac40/80, and MCS8 for ax20, MCS 9 for ax40 and MCS11 for ax80 were selected based on preliminary testing that identified those rates corresponding to the worst cases.
- For all modes, the EUT was configured in test mode using a software application. The application was used to enable a continuous transmission and to select the test channels as required. The client supplied instructions to configure the EUT. The customer supplied a document containing the setup instructions.
- Beamforming mode is only supported with OFDMA Full RU according to manufacturer specifications (see annex F).

Note (2): Preliminary measurements determined the PSD levels of partial RU is higher than the full RU in ax mode. RU 26 tone was identified as the worst-case RU (Resource Unit) carrier allocation for all non-beamforming ax mode testing.

The worst-case RU combinations used in the ax mode non-beamforming SISO/MIMO measurement (all test cases except Band Edge testing) are indicated as follows:

- 20 MHz BW - RU26 offset 0
- 40 MHz BW - RU26 offset 8
- 80 MHz BW - RU26 offset 0

The worst-case RU combinations used in the ax mode SISO/MIMO measurement (Band Edge testing) are indicated as follows:

- 20 MHz BW - RU26 offset 0 & 8
- 40 MHz BW - RU26 offset 0 & 17
- 80 MHz BW - RU26 offset 0 & 36

#### Directional Antenna Gain Calculations for CDD MIMO In-Band Measurements:

For 2Tx CDD MIMO modes, in accordance with KDB 662911 D01 v02r01 Section F)2)f)i), directional gain was calculated as follows:

- For power spectral density (PSD) measurements:  
Directional gain<sub>PSD</sub> =  $G_{ANT} + 10 \log(N_{ANT}/N_{SS})$  dBi  
 $N_{SS} = 1$  (worst case),  $N_{ANT} = 2$ ,  $G_{ANT} = -2.8$  dBi  
Directional gain<sub>PSD</sub> =  $2 + 10 \log(2/1) = 2 + 10 \log(2) = -2.8 + 3.01 = + 0.21$  dBi  
PSD Antenna Gain MIMO Chain 0 & 1: + 0.21 dBi
- For power measurements:  
Directional gain<sub>POWER</sub> =  $G_{ANT}$  dBi ( $N_{ANT} < 4$ )  
Directional gain<sub>POWER</sub> =  $G_{ANT} = -2.8$  dBi  
Power Antenna Gain MIMO Chain 0 & 1: - 2.8 dBi

## SECTION C.1: 26DB EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH

### LIMITS:

Product standard:

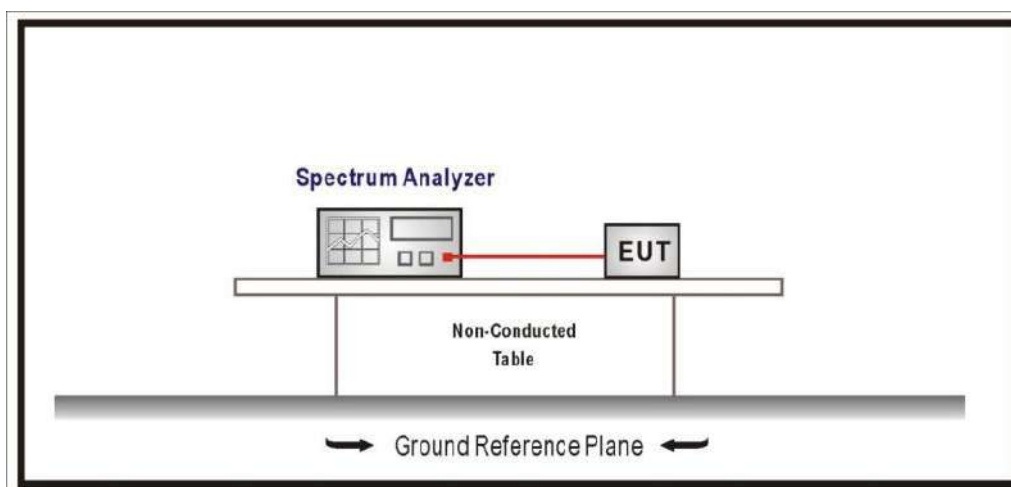
Part 15 Subpart C §15.403 and RSS-247

Test standard:

Part 15 Subpart C §15.403 and RSS-247 6.2.1

No requirements requested.

### TEST SETUP:



### TESTED SAMPLES:

S/01

### TESTED CONDITIONS MODES:

TC#01 (a mode SISO Radio A)

### TEST RESULTS:

PASS

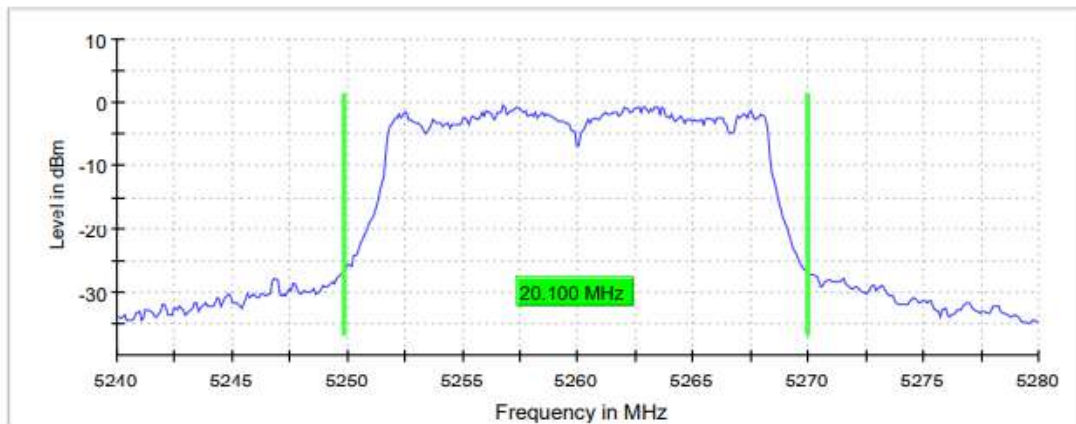
### Bandwidth: 20 MHz

|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 20.100                       | 20.200                       | 22.400                        |
| Occupied bandwidth (MHz) | 16.700                       | 16.600                       | 16.700                        |

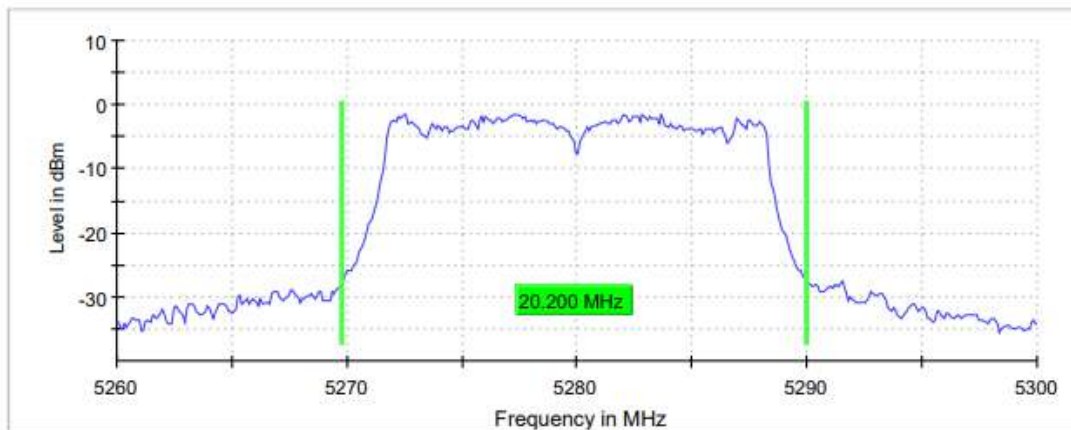
**TEST RESULTS (Cont.):**

**26 dB BANDWIDTH**

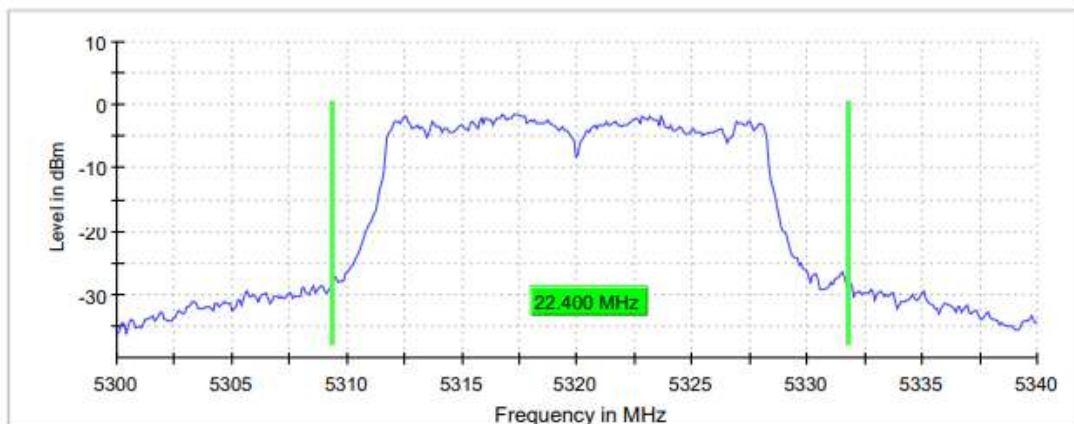
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

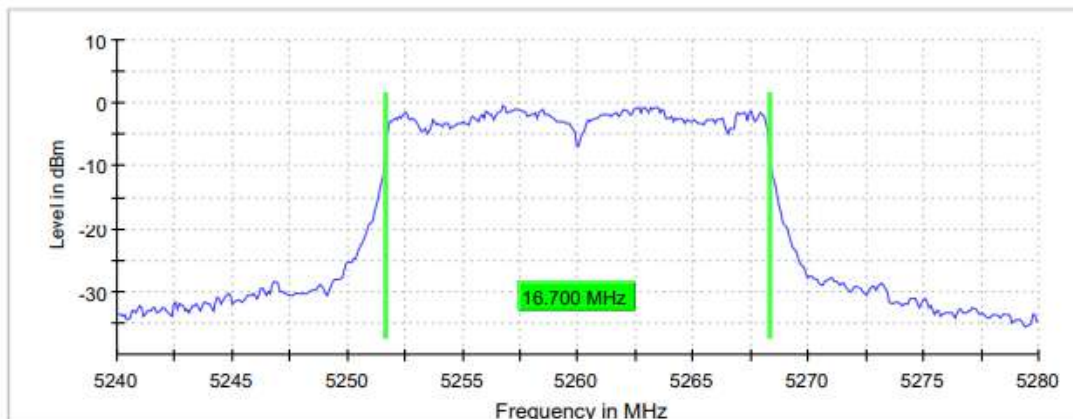
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| SweepPoints           | 400              | 400              | 400              |
| Sweeptime             | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 20.000 dBm       | 20.000 dBm       | 20.000 dBm       |
| Attenuation           | 40.000 dB        | 40.000 dB        | 40.000 dB        |
| Detector              | MaxPeak          | MaxPeak          | MaxPeak          |
| SweepCount            | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweeptype             | FFT              | FFT              | FFT              |
| Preamplifier          | off              | Off              | off              |
| Stablemode            | Trace            | Trace            | Trace            |
| Stablevalue           | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 71 / max. 150    | 72 / max. 150    | 63 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          | 0.02 dB          |

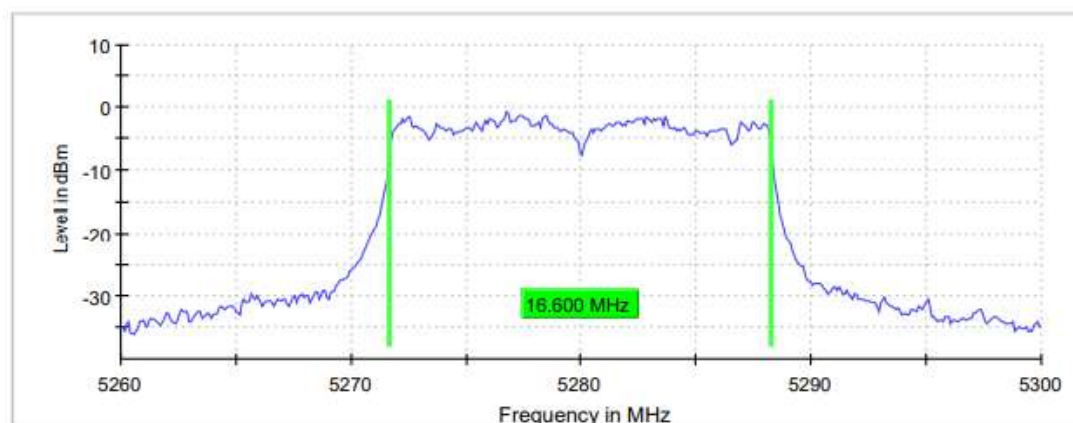
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

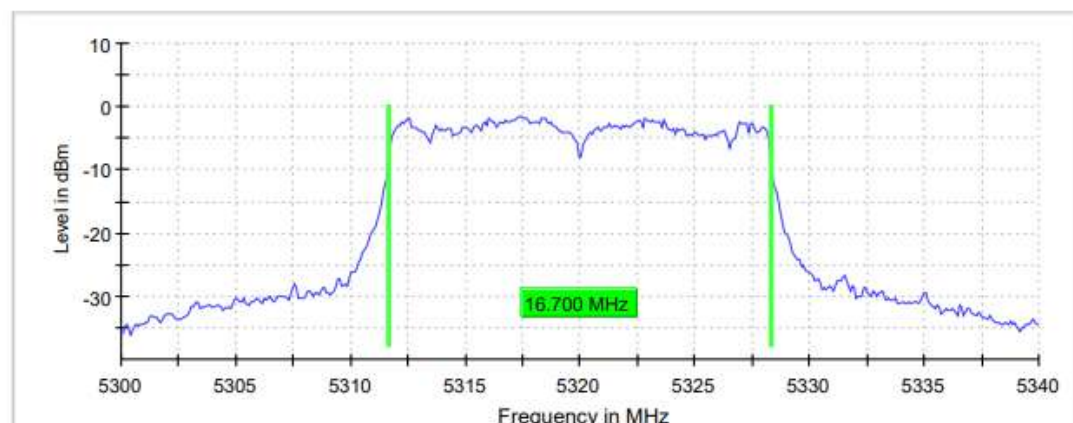
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| SweepPoints           | 400              | 400              | 400              |
| SweepTime             | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.443 $\mu$ s   |
| Reference Level       | 20.000 dBm       | 20.000 dBm       | 20.000 dBm       |
| Attenuation           | 40.000 dB        | 40.000 dB        | 40.000 dB        |
| Detector              | MaxPeak          | MaxPeak          | MaxPeak          |
| SweepCount            | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| SweepType             | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stablemode            | Trace            | Trace            | Trace            |
| Stablevalue           | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 61 / max. 150    | 73 / max. 150    | 55 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.19 dB          | 0.26 dB          | 0.29 dB          |

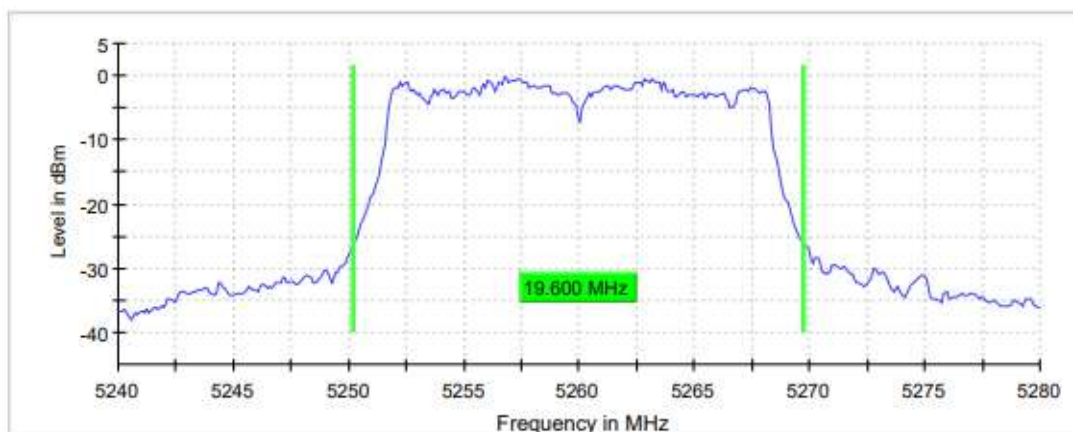
|                                 |                             |
|---------------------------------|-----------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                        |
| <b>TESTED CONDITIONS MODES:</b> | TC#01 (a mode SISO Radio B) |
| <b>TEST RESULTS:</b>            | PASS                        |

**Bandwidth: 20 MHz**

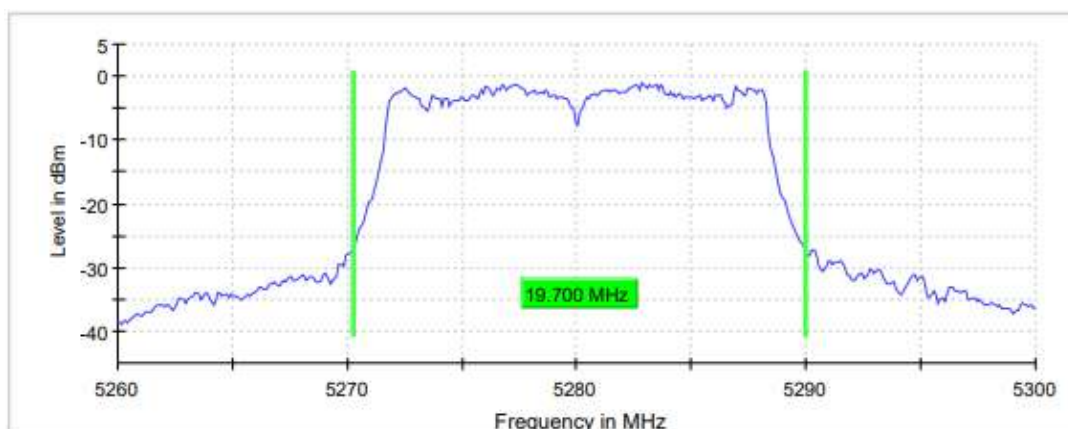
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 19.600                       | 19.700                       | 19.700                        |
| Occupied bandwidth (MHz) | 16.600                       | 16.700                       | 16.600                        |

**26 dB Bandwidth:**

**Lowest Channel**

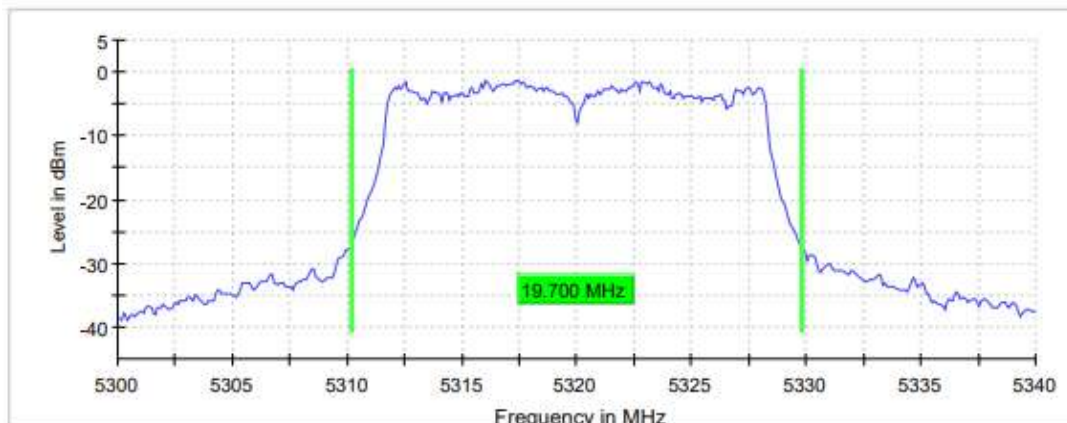


**Middle Channel**



## TEST RESULTS (Cont.)

### Highest Channel



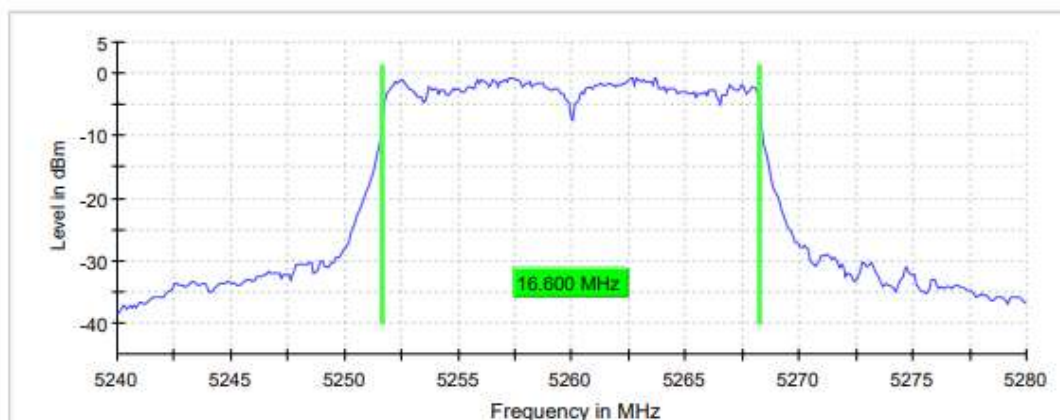
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.30000 GHz      | 5.26000 GHz      | 5.22000 GHz      |
| Stop Frequency        | 5.34000 GHz      | 5.30000 GHz      | 5.26000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 38 / max. 150    | 72 / max. 150    | 48 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.28 dB          | 0.18 dB          | 0.13 dB          |

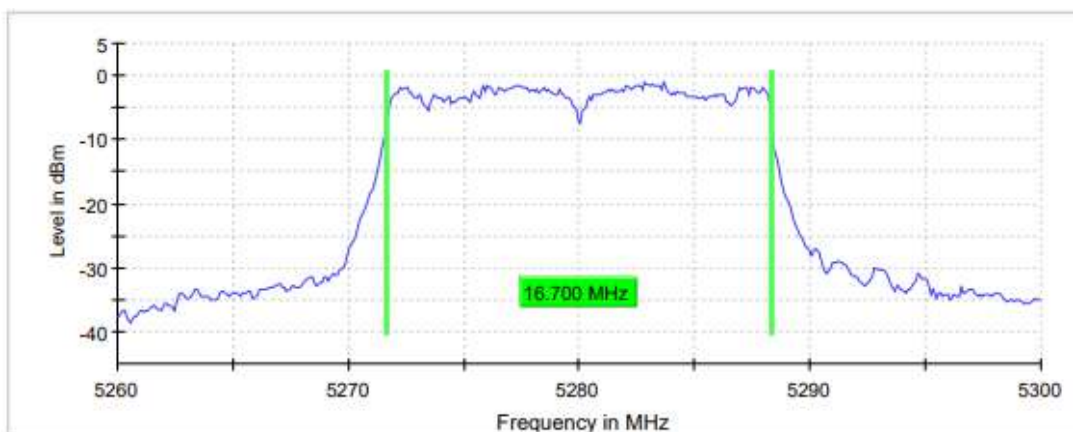
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

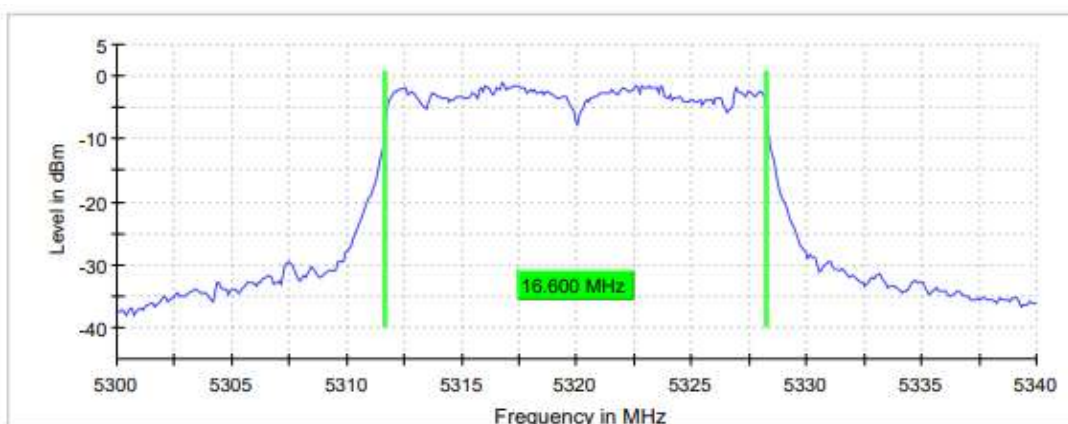
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.18000 GHz      | 5.22000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.22000 GHz      | 5.26000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 50 / max. 150    | 74 / max. 150    | 38 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.11 dB          | 0.12 dB          | 0.25 dB          |

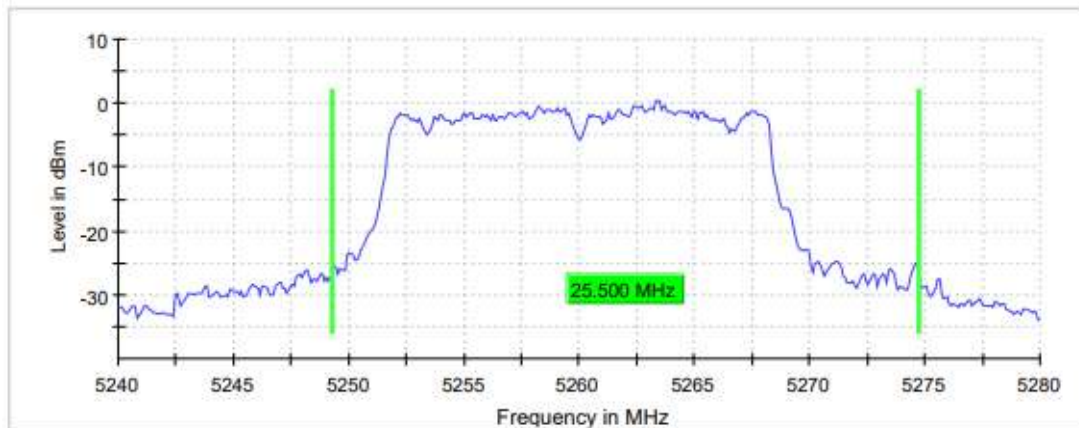
|                                 |                               |
|---------------------------------|-------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                          |
| <b>TESTED CONDITIONS MODES:</b> | TC#01 (a mode MIMO Radio A+B) |
| <b>TEST RESULTS:</b>            | PASS                          |

**Bandwidth: 20 MHz**

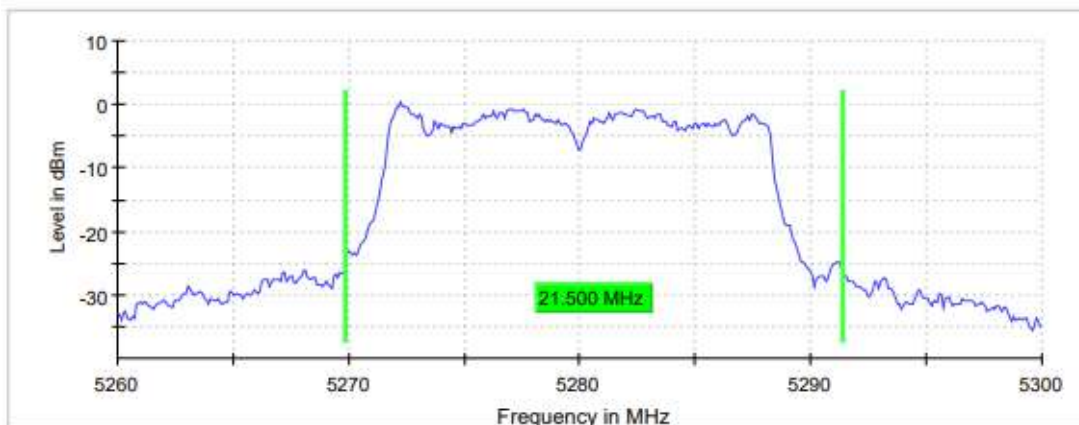
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 25.500                       | 21.500                       | 23.300                        |
| Occupied bandwidth (MHz) | 16.700                       | 16.700                       | 16.700                        |

**26 dB Bandwidth:**

**Lowest Channel**

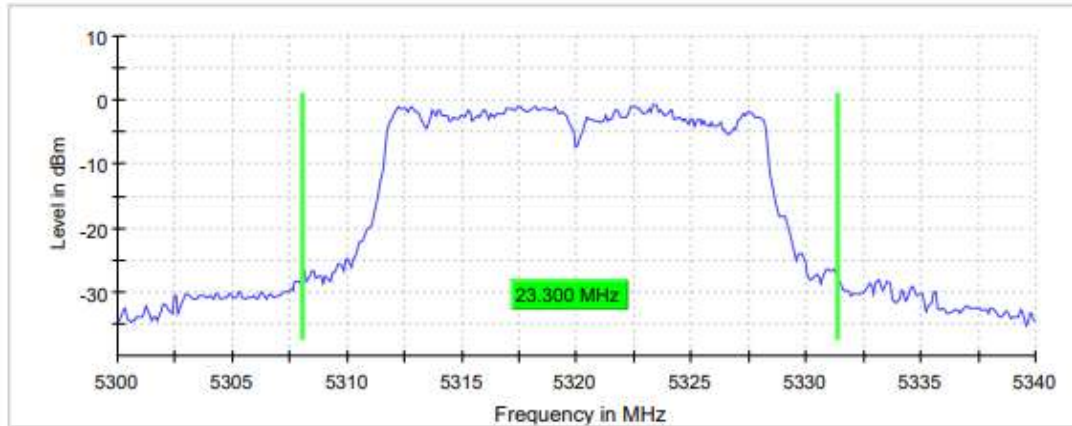


**Middle Channel**



## TEST RESULTS (Cont.)

### Highest Channel



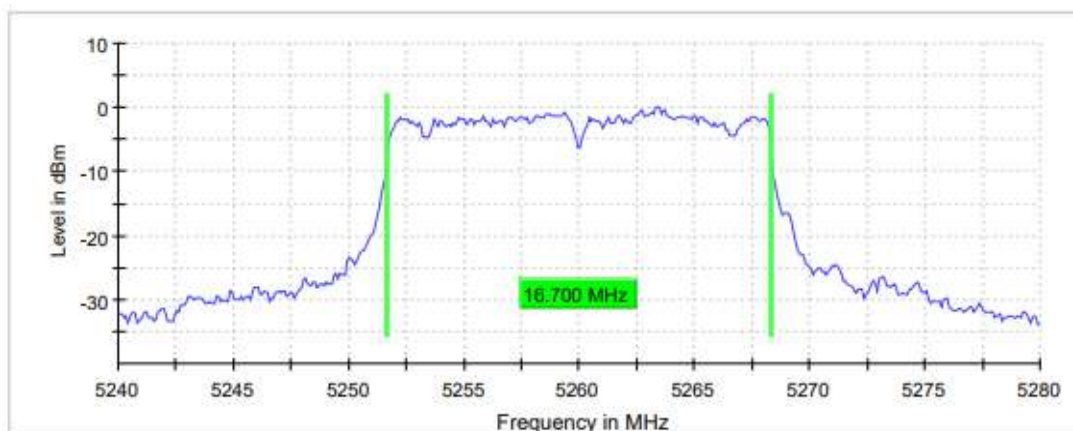
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamp                | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 57 / max. 150    | 52 / max. 150    | 82 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.26 dB          | 0.01 dB          | 0.12 dB          |

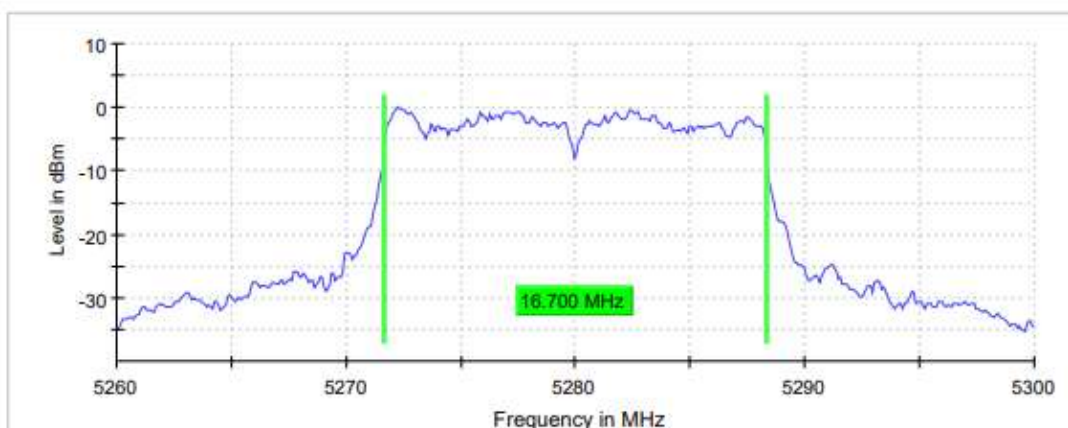
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

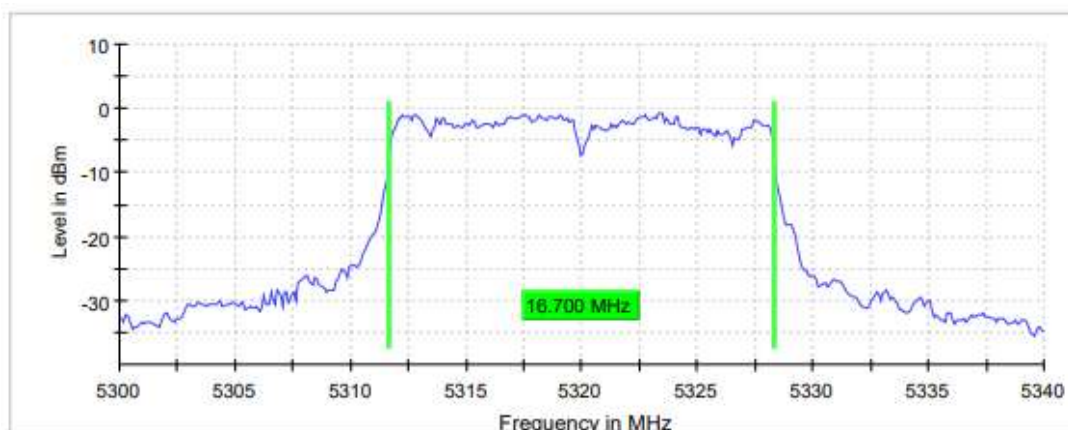
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 36 / max. 150    | 66 / max. 150    | 59 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.27 dB          | 0.08 dB          | 0.00 dB          |

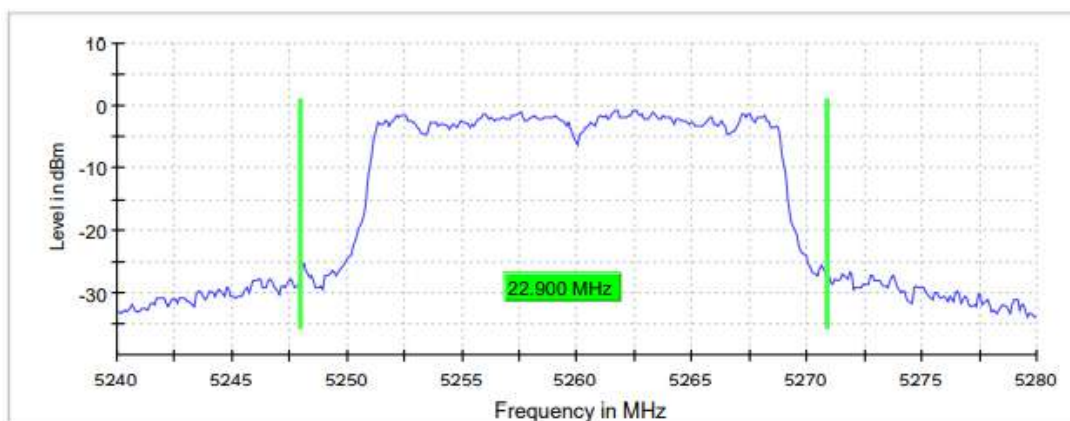
|                                 |                             |
|---------------------------------|-----------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                        |
| <b>TESTED CONDITIONS MODES:</b> | TC#02 (n Mode SISO Radio A) |
| <b>TEST RESULTS:</b>            | PASS                        |

#### Bandwidth: 20 MHz

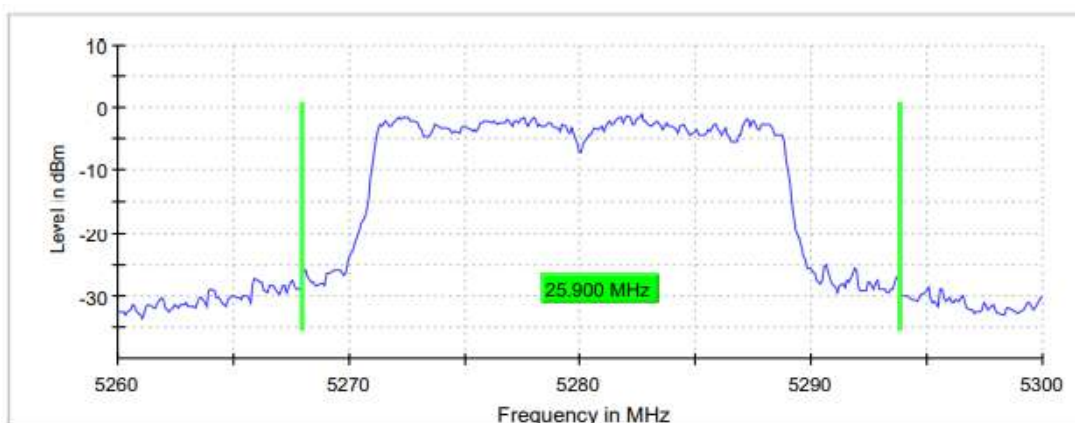
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB bandwidth (MHz)     | 22.900                       | 25.900                       | 26.200                        |
| Occupied bandwidth (MHz) | 17.700                       | 17.800                       | 17.800                        |

#### 26 dB Bandwidth:

##### Lowest Channel

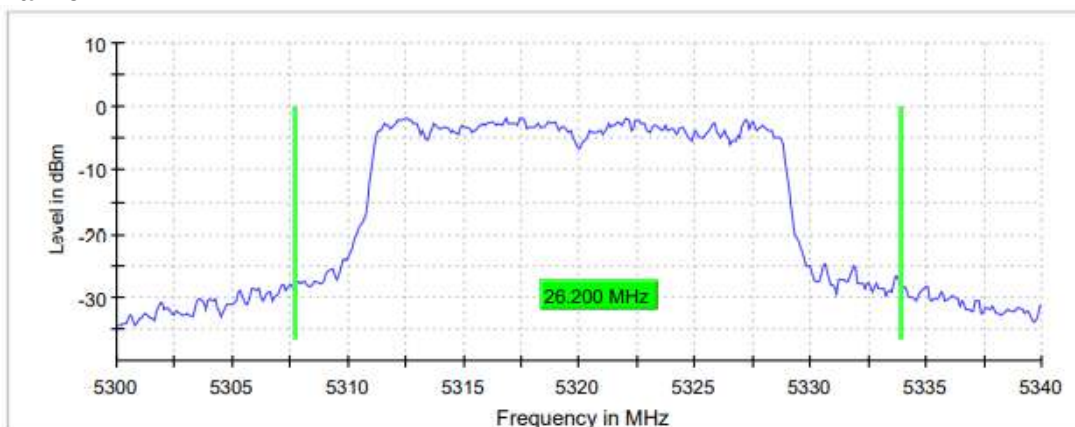


##### Middle Channel



## TEST RESULTS (Cont.)

### Highest Channel



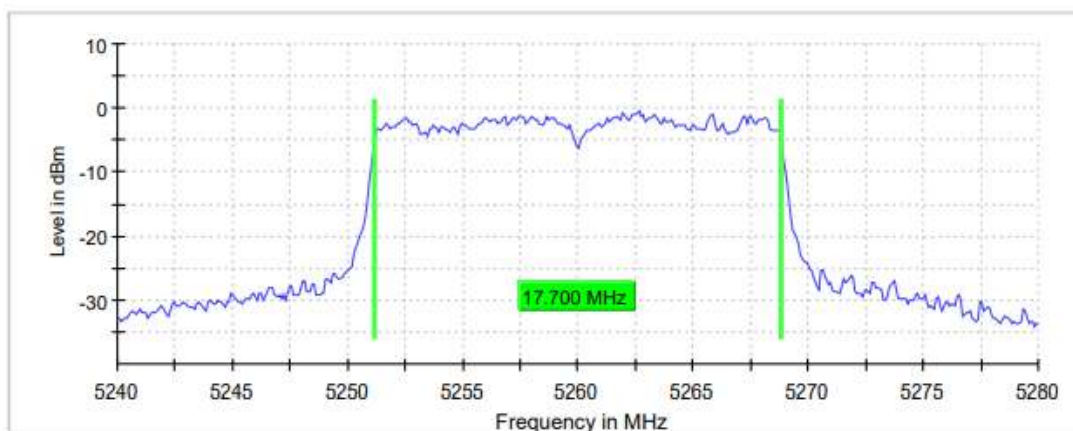
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 47 / max. 150    | 79 / max. 150    | 51 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.07 dB          | 0.20 dB          | 0.00 dB          |

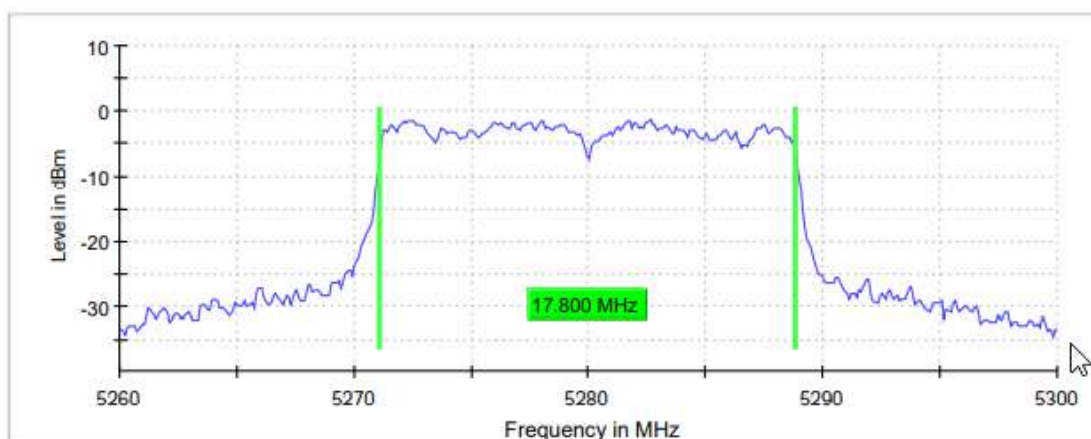
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

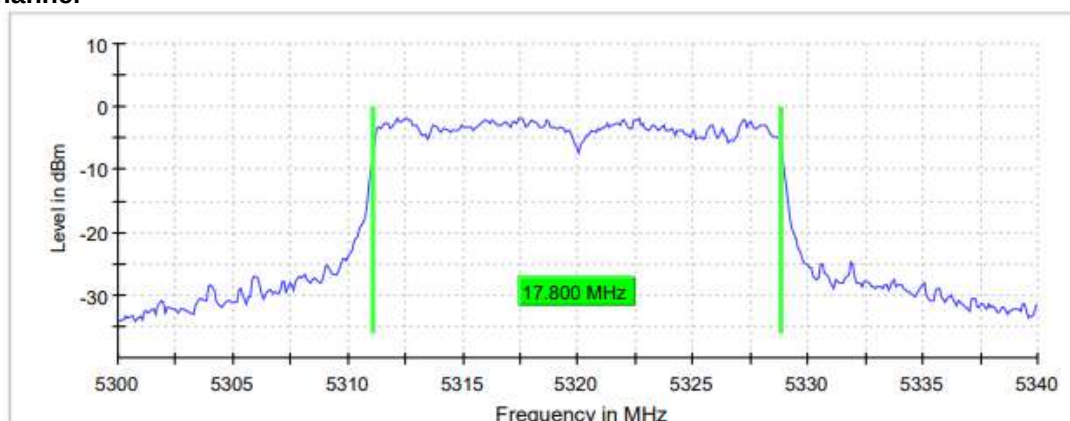
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 70 / max. 150    | 58 / max. 150    | 62 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.02 dB          | 0.24 dB          |

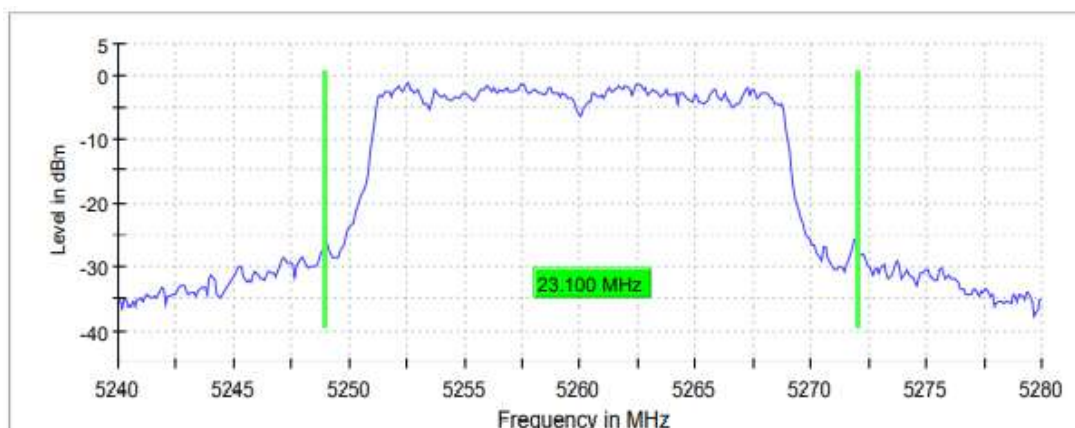
|                                 |                             |
|---------------------------------|-----------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                        |
| <b>TESTED CONDITIONS MODES:</b> | TC#02 (n Mode SISO Radio B) |
| <b>TEST RESULTS:</b>            | PASS                        |

#### Bandwidth: 20 MHz

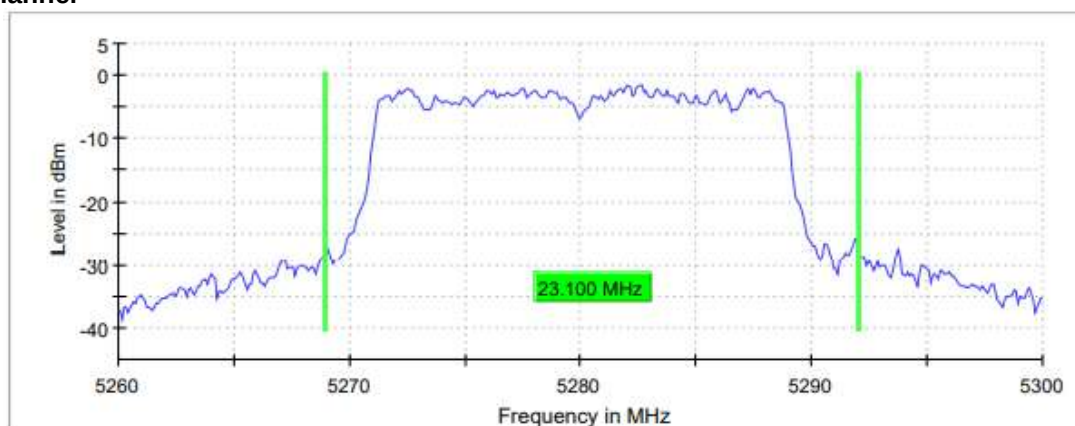
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 23.100                       | 23.100                       | 22.400                        |
| Occupied bandwidth (MHz) | 17.700                       | 17.700                       | 17.700                        |

#### 26 dB Bandwidth:

##### Lowest Channel

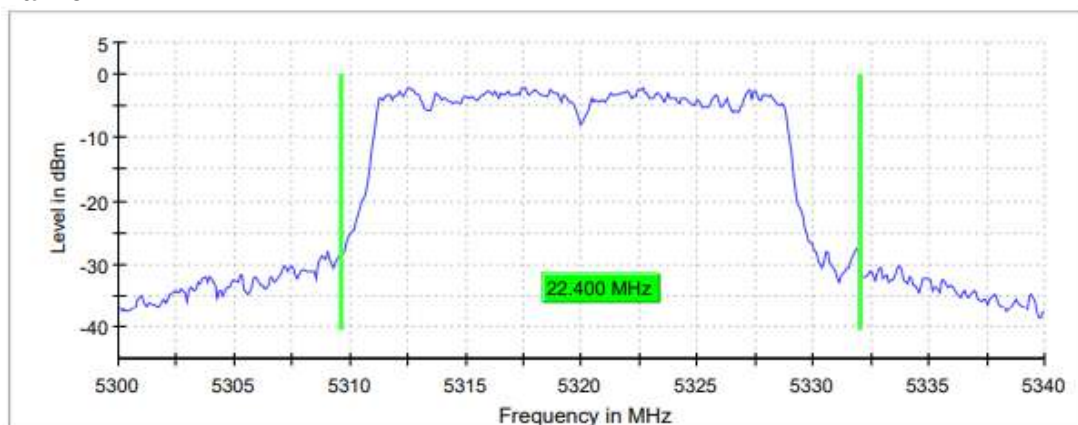


##### Middle Channel



## TEST RESULTS (Cont.)

### Highest Channel



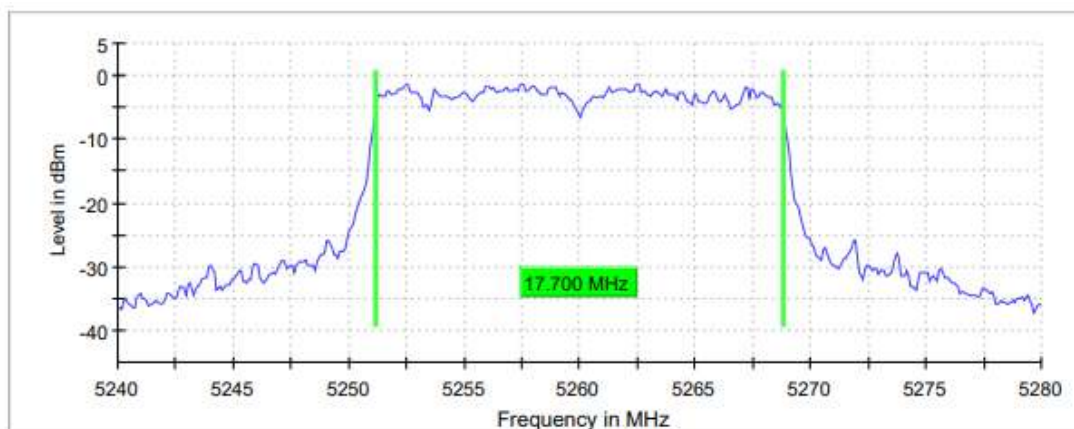
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamp                | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 62 / max. 150    | 57 / max. 150    | 54 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.30 dB          | 0.04 dB          | 0.00 dB          |

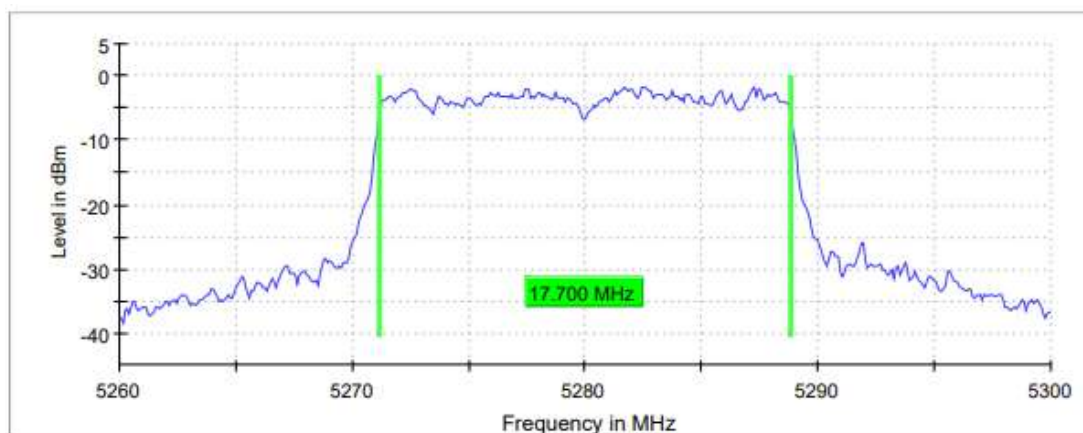
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

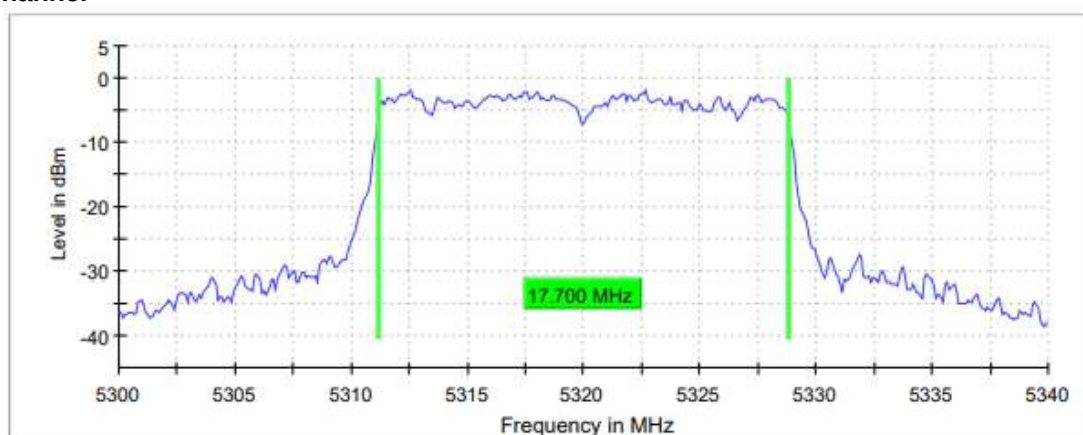
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        | 20.000 dBm       |
| Attenuation           | 20.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 97 / max. 150    | 50 / max. 150    | 66 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          | 0.00 dB          |

|                          |                               |
|--------------------------|-------------------------------|
| TESTED SAMPLES:          | S/01                          |
| TESTED CONDITIONS MODES: | TC#02 (n Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                          |

**Bandwidth: 20 MHz**

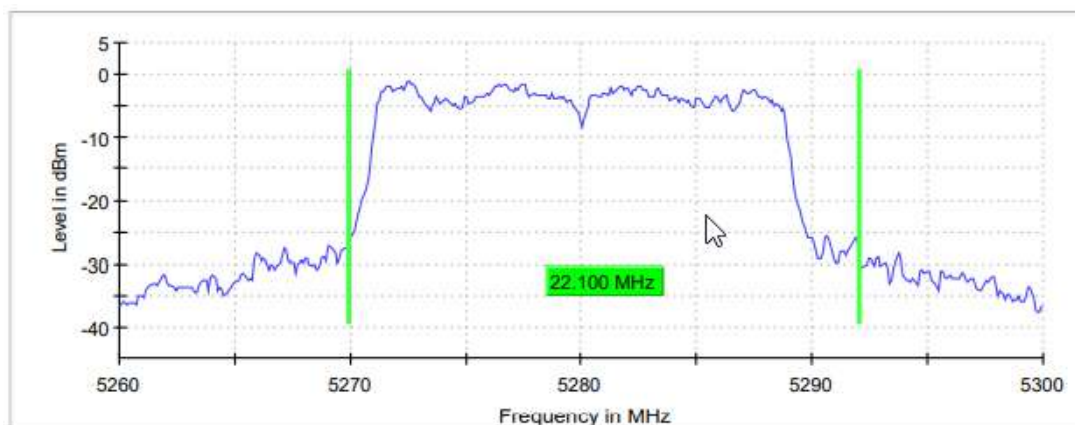
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 24.900                       | 22.100                       | 21.200                        |
| Occupied bandwidth (MHz) | 17.700                       | 17.800                       | 17.700                        |

**26 dB Bandwidth:**

**Lowest Channel**

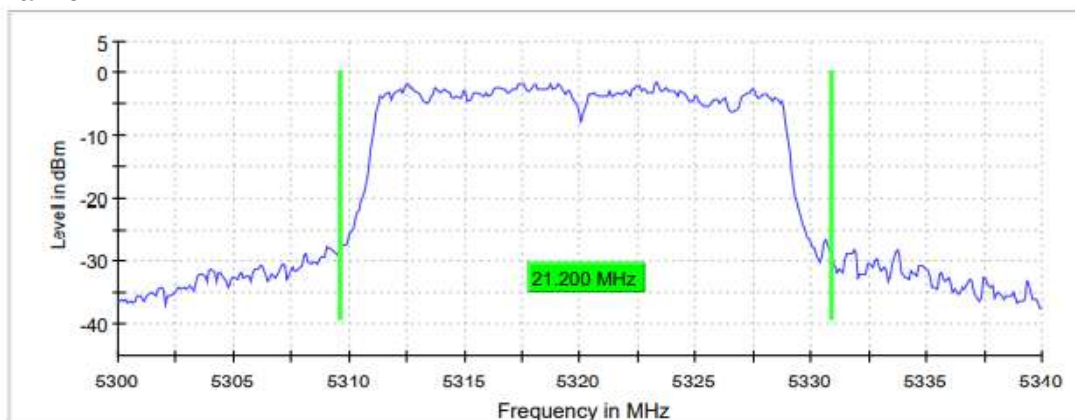


**Middle Channel**



## TEST RESULTS (Cont.)

### Highest Channel



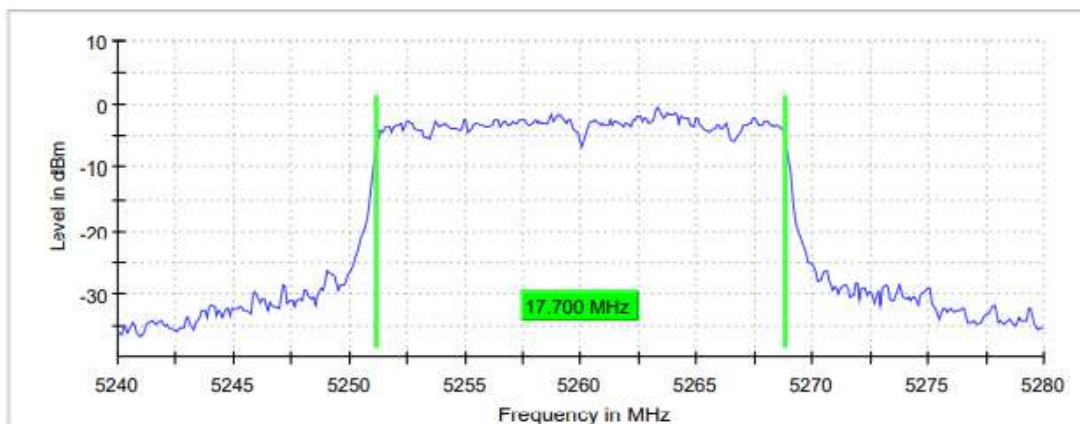
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 56 / max. 150    | 36 / max. 150    | 77 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.24 dB          | 0.05 dB          |

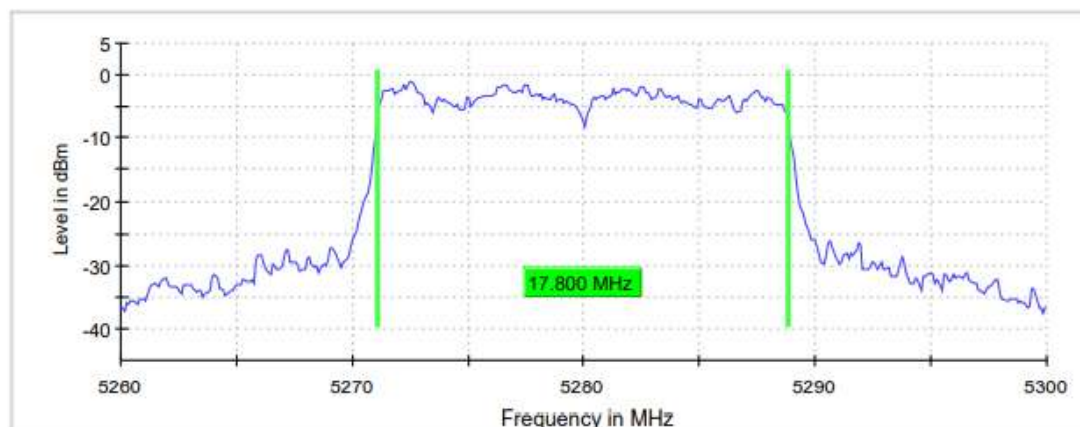
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

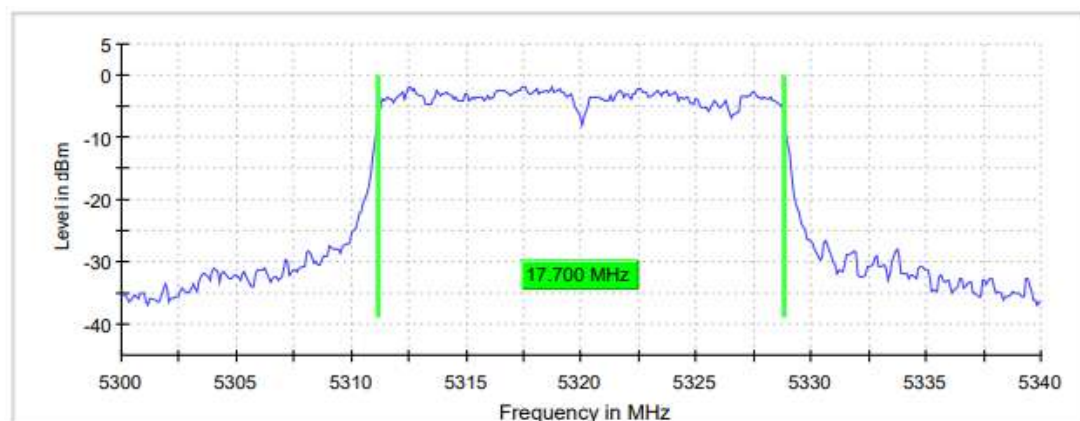
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 20.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 82 / max. 150    | 53 / max. 150    | 63 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.14 dB          | 0.16 dB          |

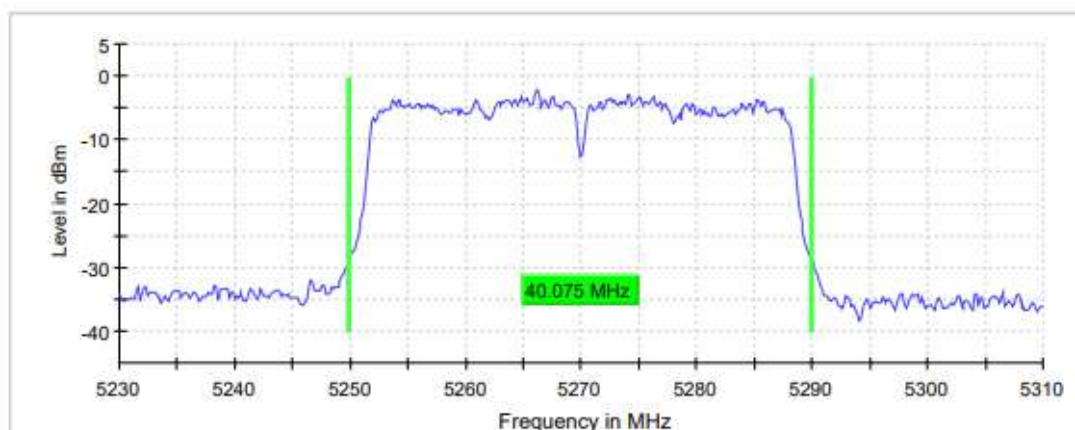
|                          |                             |
|--------------------------|-----------------------------|
| TESTED SAMPLES:          | S/01                        |
| TESTED CONDITIONS MODES: | TC#02 (n Mode SISO Radio A) |
| TEST RESULTS:            | PASS                        |

#### Bandwidth: 40 MHz

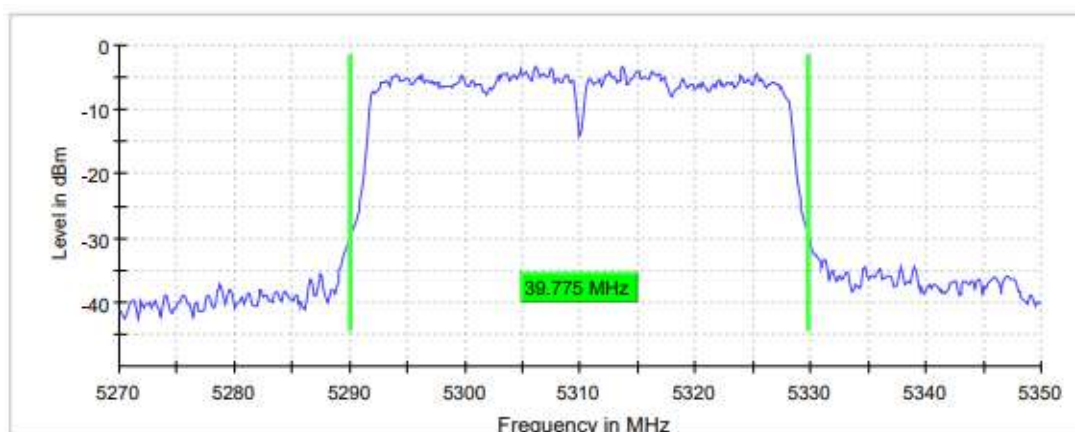
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 40.075                       | 39.775                        |
| Occupied bandwidth (MHz) | 36.250                       | 36.250                        |

#### 26 dB Bandwidth

##### Lowest Channel



##### Highest Channel



## TEST RESULTS (Cont.)

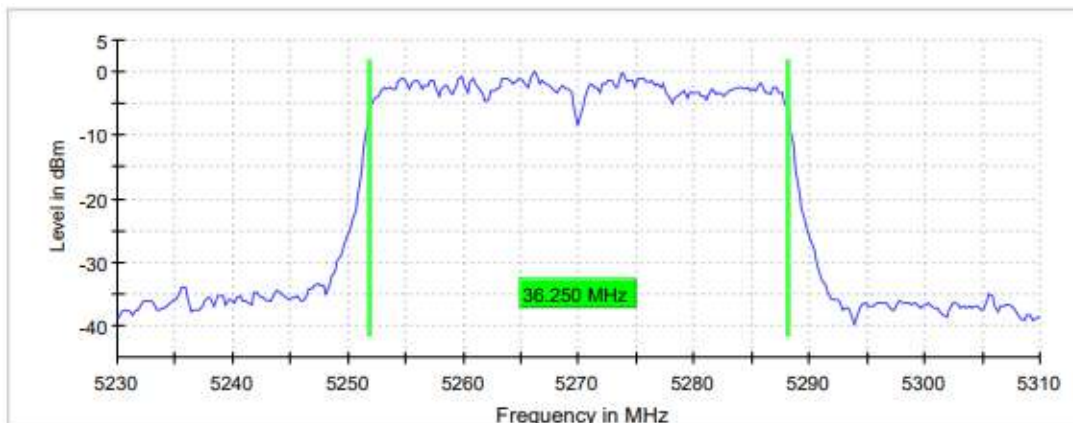
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 98 / max. 150    | 104/ max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.13 dB          | 0.04 dB          |

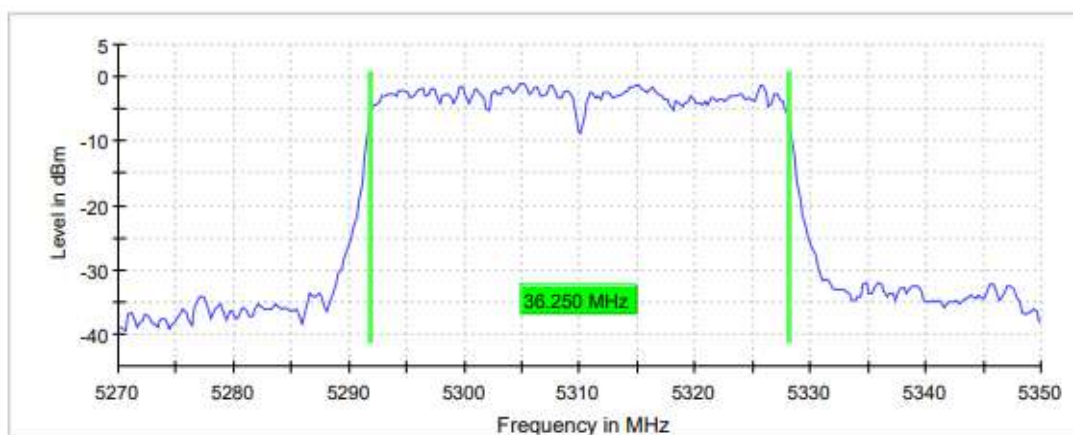
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 60 / max. 150    | 74 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.07 dB          | 0.18 dB          |

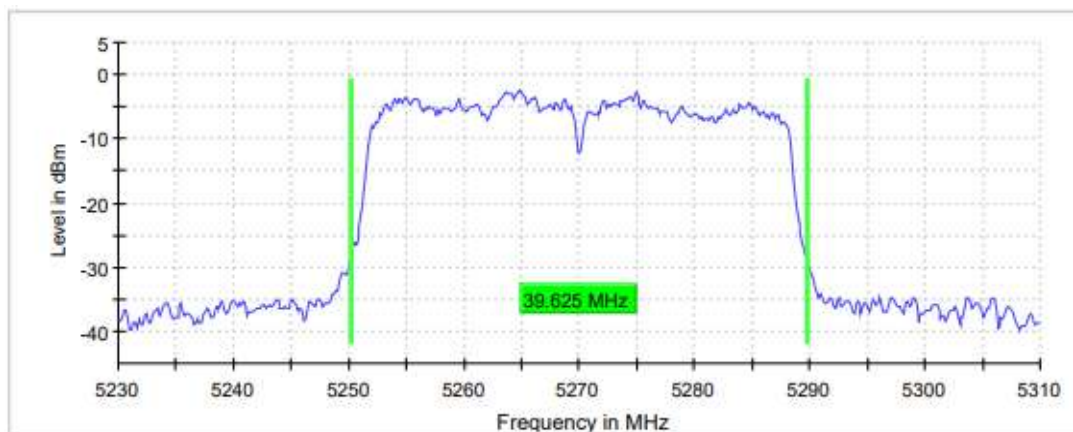
|                          |                                     |
|--------------------------|-------------------------------------|
| TESTED SAMPLES:          | S/01                                |
| TESTED CONDITIONS MODES: | TC#02 (n Mode SISO Radio <b>B</b> ) |
| TEST RESULTS:            | PASS                                |

**Bandwidth: 40 MHz**

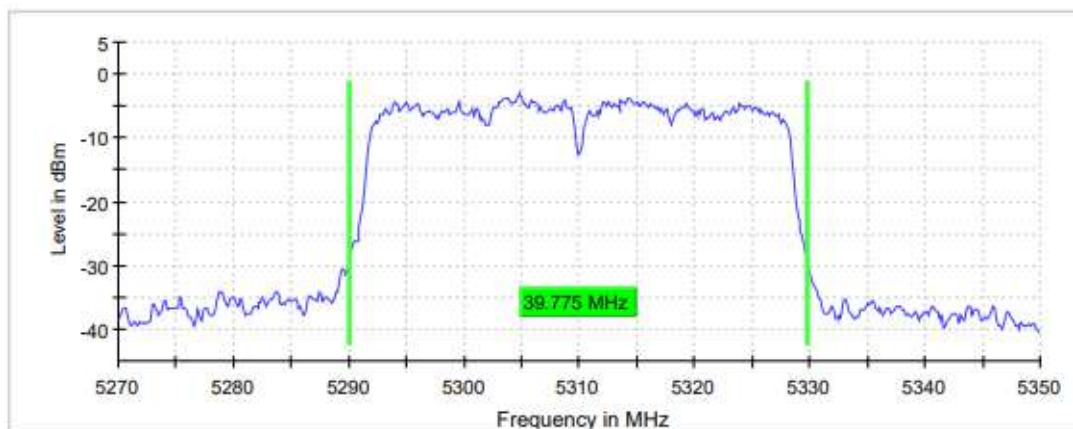
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 39.625                       | 39.775                        |
| Occupied bandwidth (MHz) | 36.250                       | 36.250                        |

**26 dB Bandwidth**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

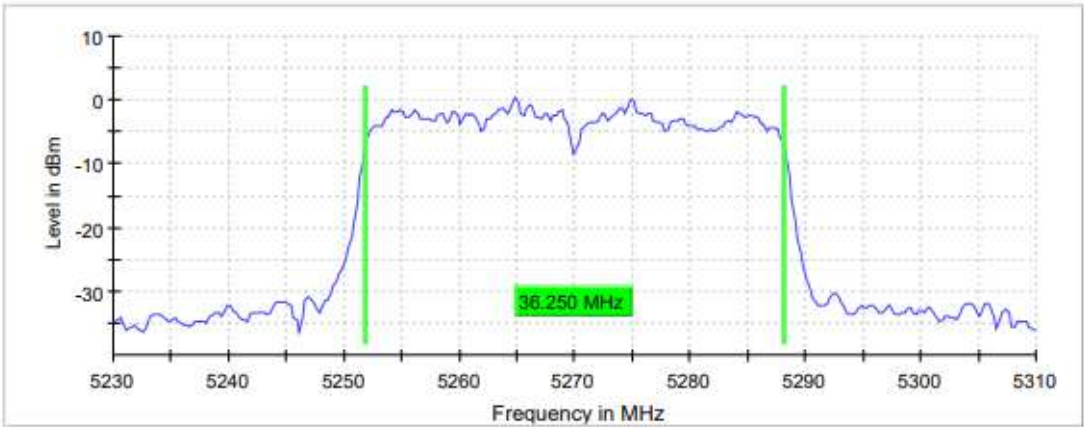
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 93 / max. 150    | 81/ max. 150     |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.27 dB          | 0.00 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 105 / max. 150   | 98 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          |

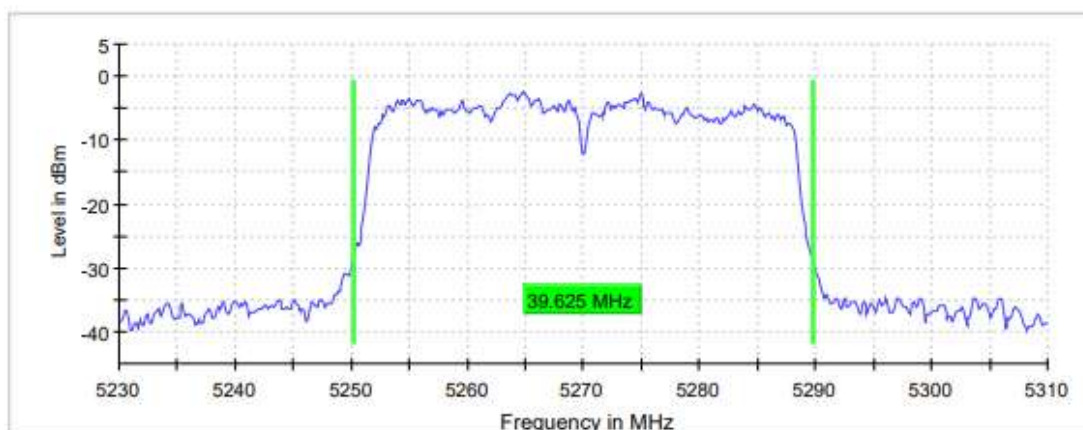
|                          |                               |
|--------------------------|-------------------------------|
| TESTED SAMPLES:          | S/01                          |
| TESTED CONDITIONS MODES: | TC#02 (n Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                          |

**Bandwidth: 40 MHz**

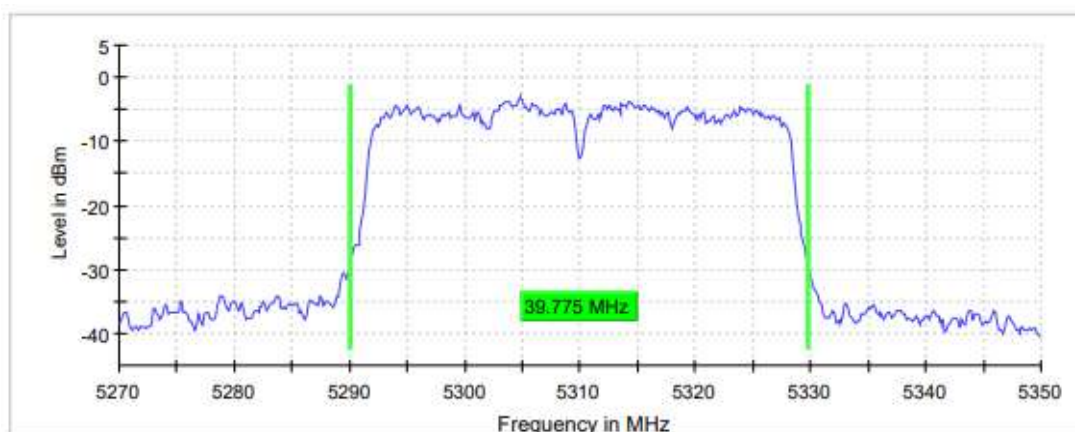
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 39.625                       | 39.775                        |
| Occupied bandwidth (MHz) | 36.250                       | 36.250                        |

**26 dB Bandwidth**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

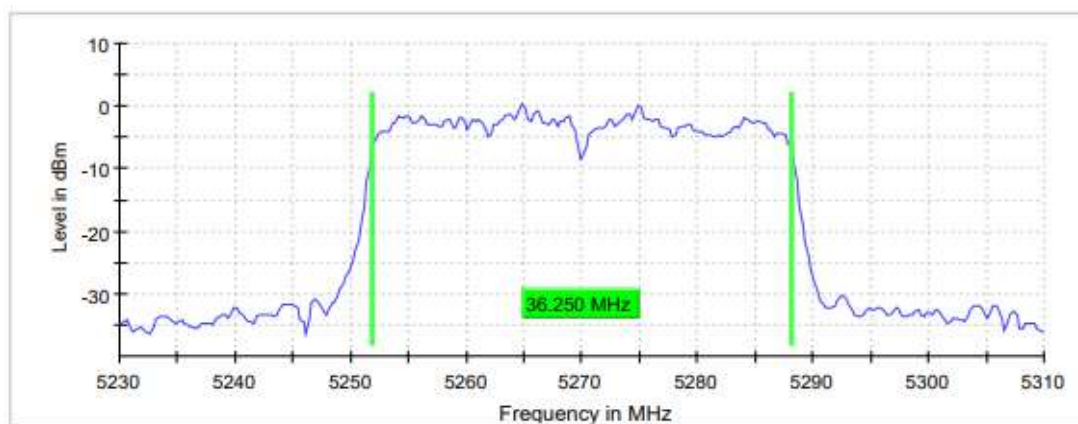
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.19000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.27000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 106 / max. 150   | 109/ max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          |

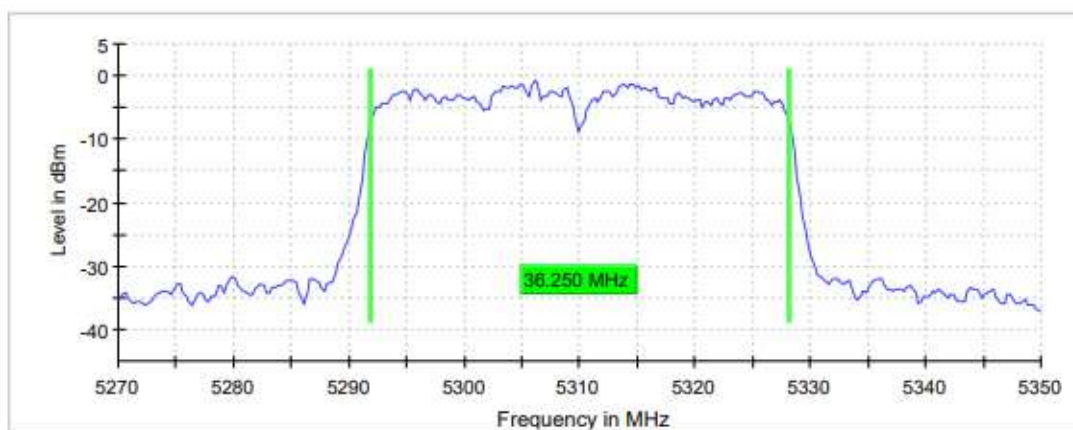
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 75 / max. 150    | 92 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.13 dB          | 0.05 dB          |

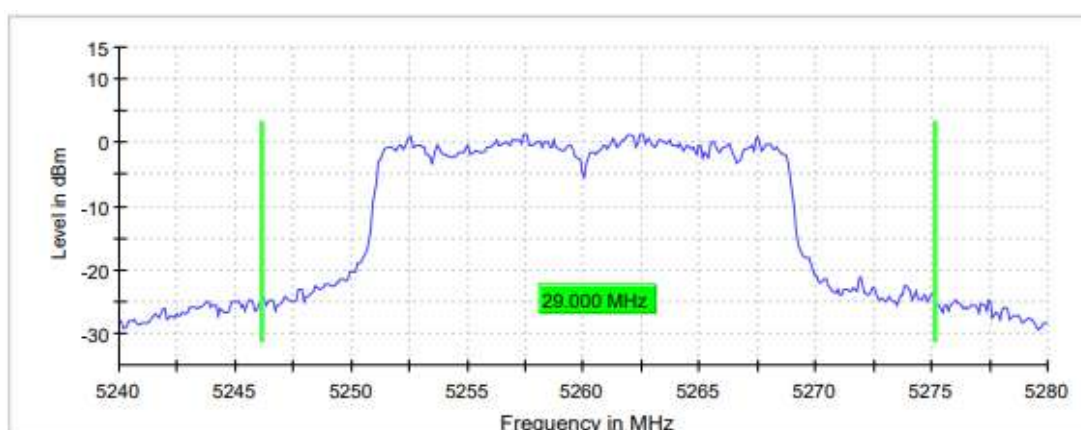
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#03 (ac Mode SISO Radio A) |
| <b>TEST RESULTS:</b>            | PASS                         |

### Bandwidth: 20 MHz

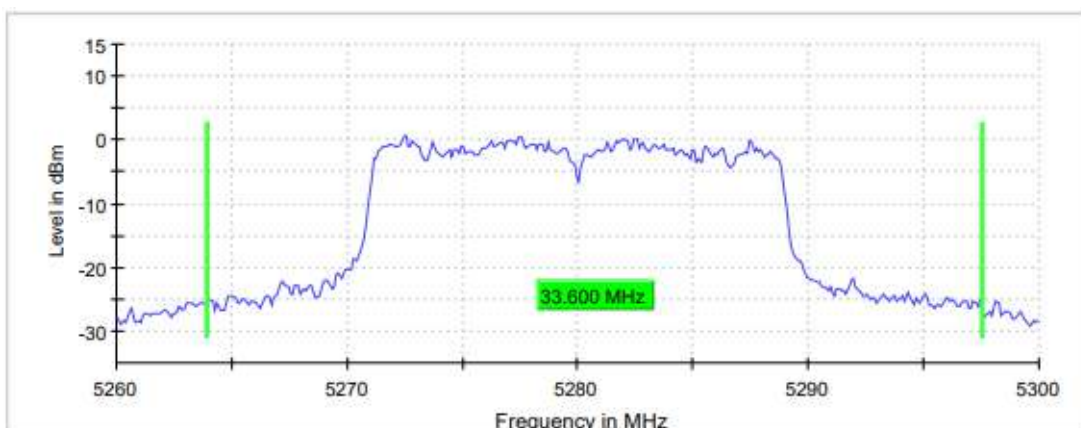
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB bandwidth (MHz)     | 29.000                       | 33.600                       | 34.900                        |
| Occupied bandwidth (MHz) | 17.900                       | 17.900                       | 18.000                        |

### 26 dB Bandwidth:

#### Lowest Channel

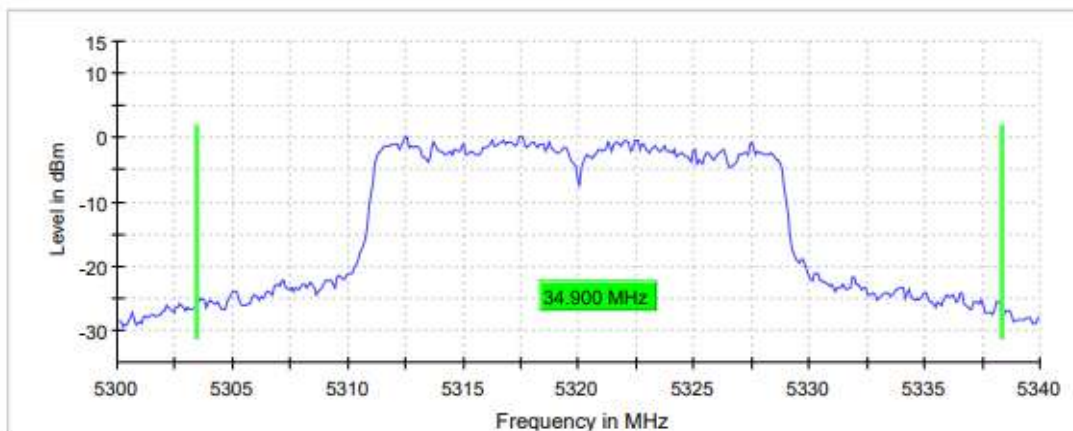


#### Middle Channel



## TEST RESULTS (Cont.)

### Highest Channel



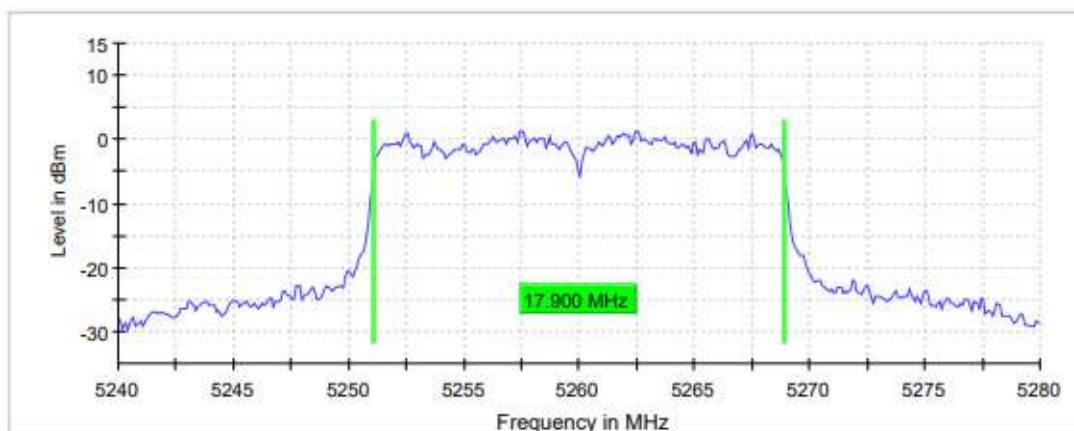
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamp                | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 70 / max. 150    | 101 / max. 150   | 66 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.16 dB          | 0.00 dB          | 0.00 dB          |

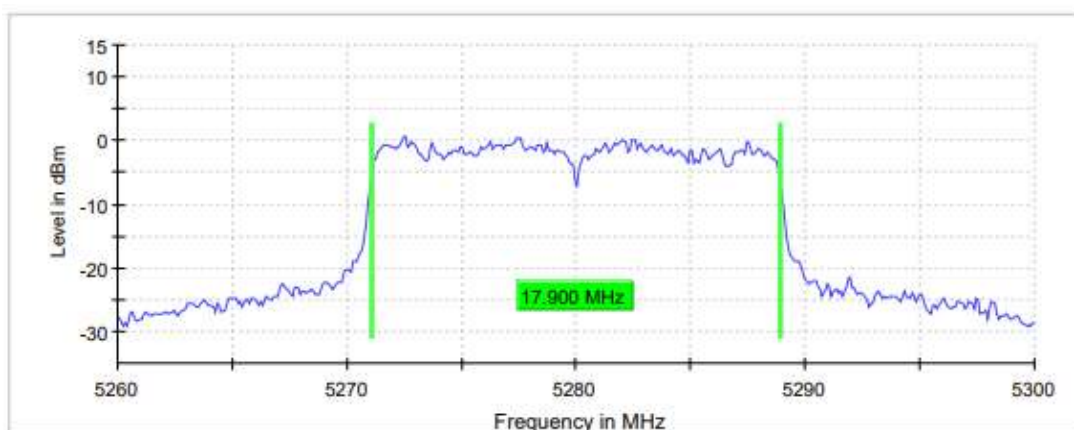
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

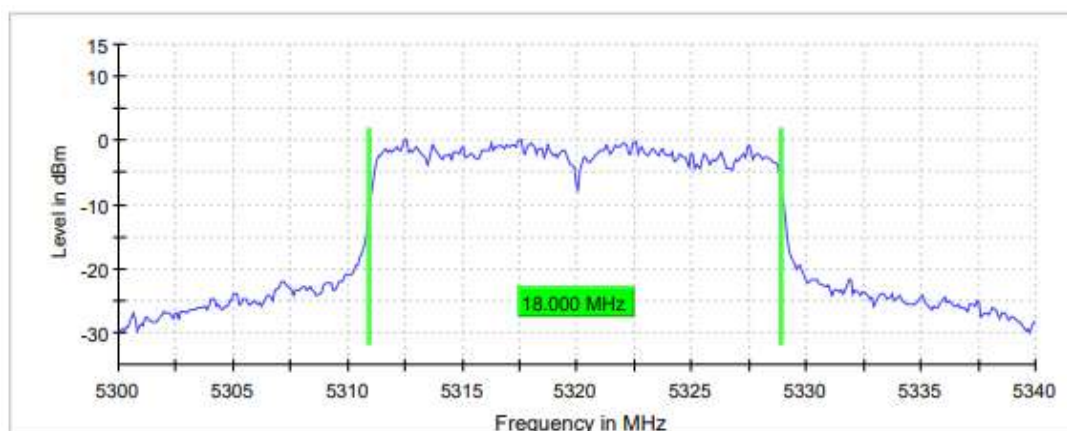
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| SweepPoints           | 400              | 400              | 400              |
| Sweeptime             | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | MaxPeak          | MaxPeak          | MaxPeak          |
| SweepCount            | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweeptype             | FFT              | FFT              | FFT              |
| Preamplifier          | off              | Off              | off              |
| Stablemode            | Trace            | Trace            | Trace            |
| Stablevalue           | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 99 / max. 150    | 67 / max. 150    | 79 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          | 0.00 dB          |

|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#03 (ac Mode SISO Radio B) |
| TEST RESULTS:            | PASS                         |

**Bandwidth: 20 MHz**

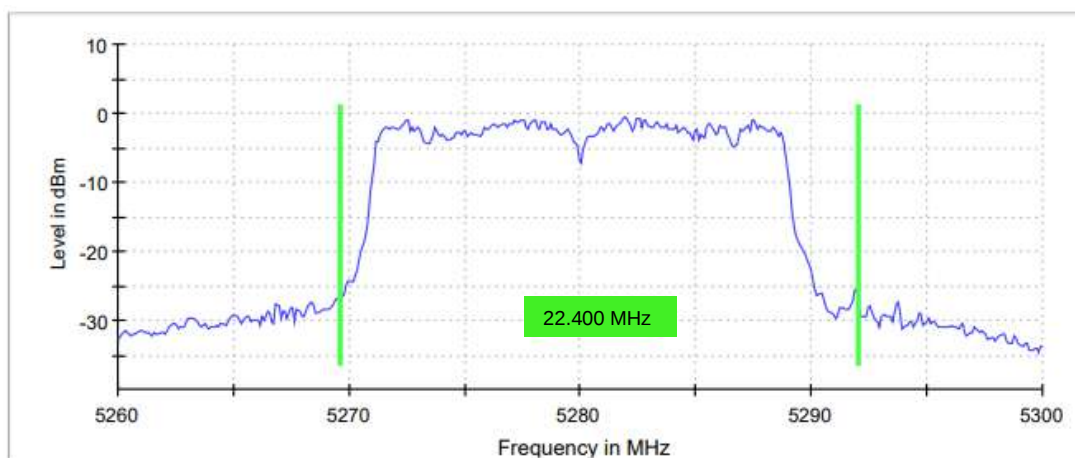
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 21.600                       | 22.400                       | 21.500                        |
| Occupied bandwidth (MHz) | 17.750                       | 17.750                       | 17.800                        |

**26 dB Bandwidth:**

**Lowest Channel**

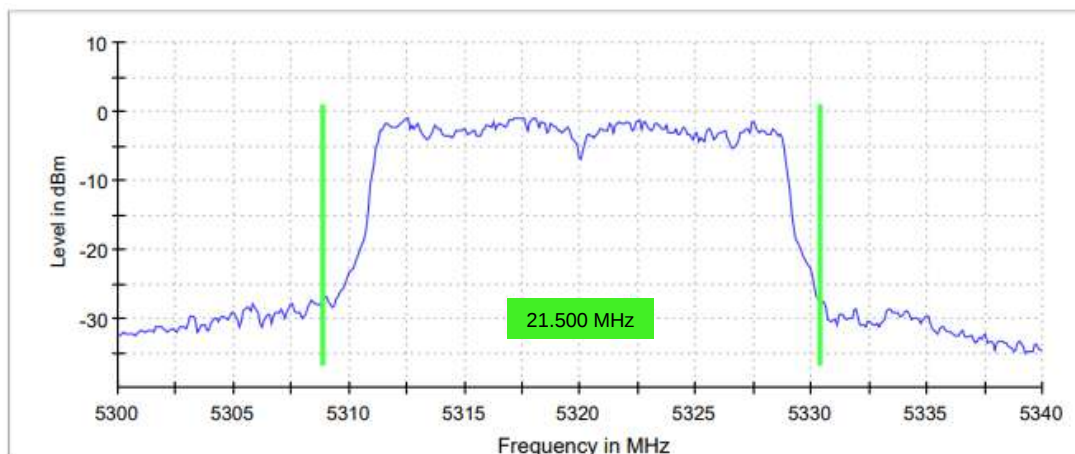


**Middle Channel**



## TEST RESULTS (Cont.)

### Highest Channel



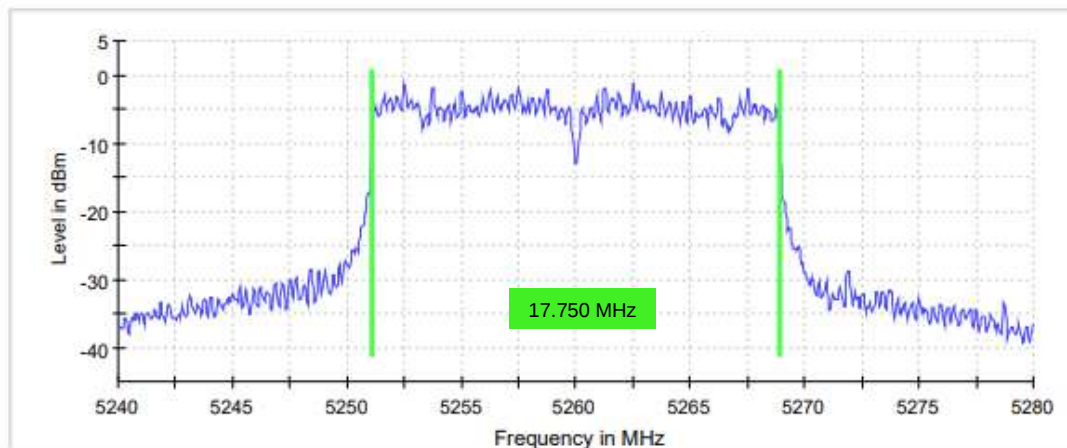
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| SweepPoints           | 400              | 400              | 400              |
| Sweeptime             | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | MaxPeak          | MaxPeak          | MaxPeak          |
| SweepCount            | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweeptype             | FFT              | FFT              | FFT              |
| Preamplifier          | off              | Off              | off              |
| Stablemode            | Trace            | Trace            | Trace            |
| Stablevalue           | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 99 / max. 150    | 67 / max. 150    | 79 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          | 0.00 dB          |

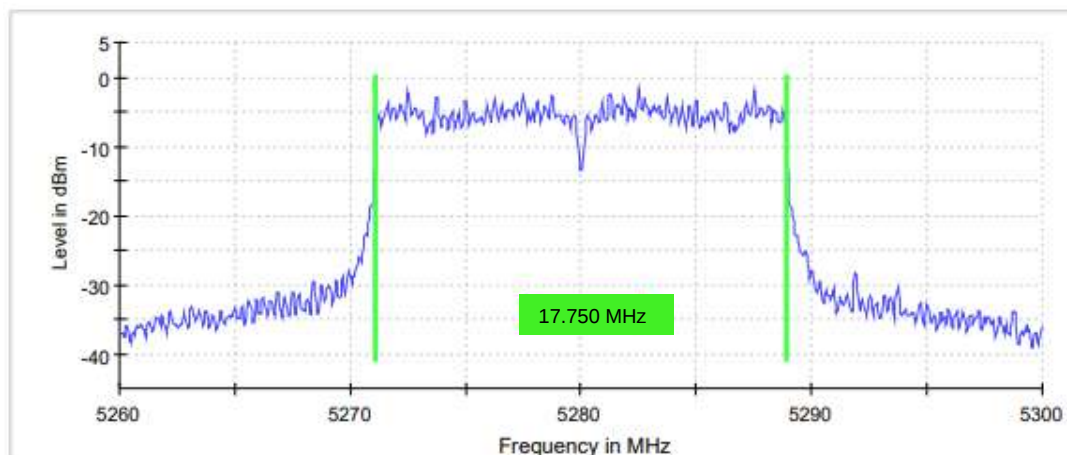
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

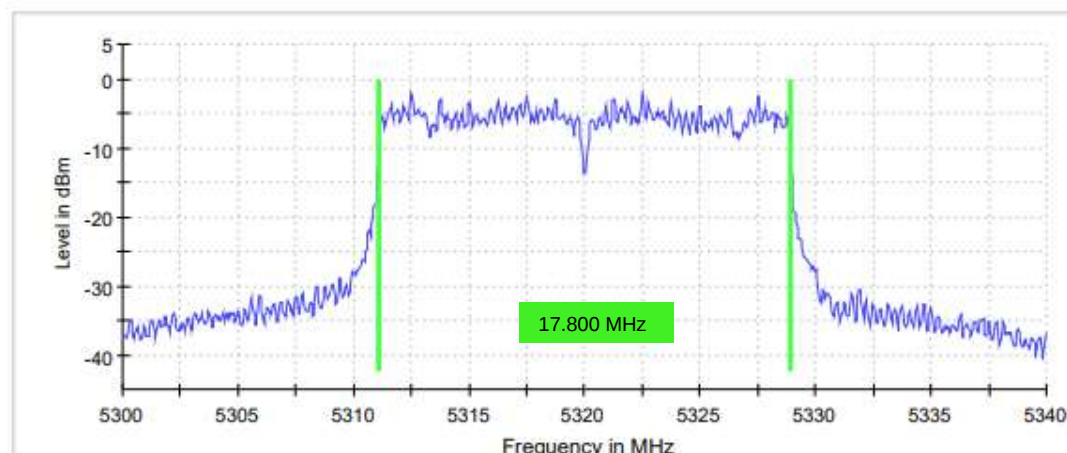
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 KHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| SweepPoints           | 400              | 400              | 400              |
| Sweeptime             | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | MaxPeak          | MaxPeak          | MaxPeak          |
| SweepCount            | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweeptype             | FFT              | FFT              | FFT              |
| Preamp                | off              | off              | Off              |
| Stablemode            | Trace            | Trace            | Trace            |
| Stablevalue           | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 49 / max. 150    | 61 / max. 150    | 43 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.29 dB          | 0.00 dB          | 0.12 dB          |

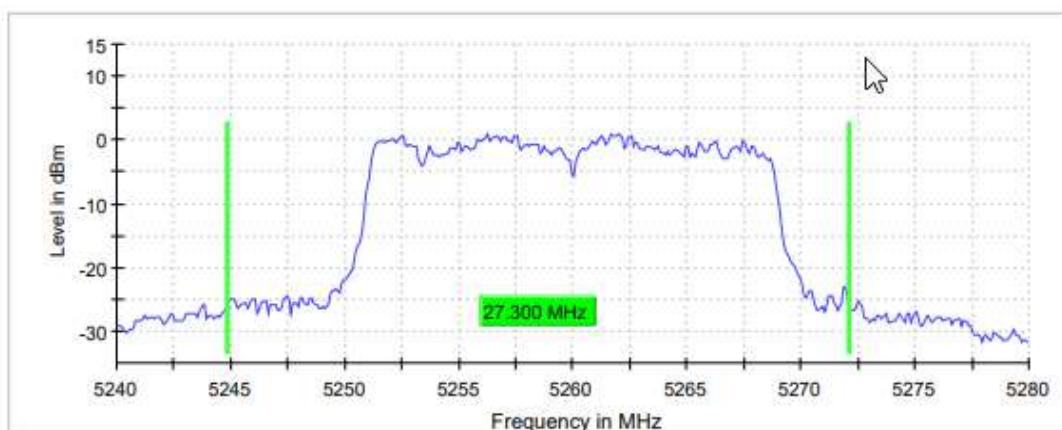
|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/01                           |
| TESTED CONDITIONS MODES: | TC#03 (ac Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

**Bandwidth: 20 MHz**

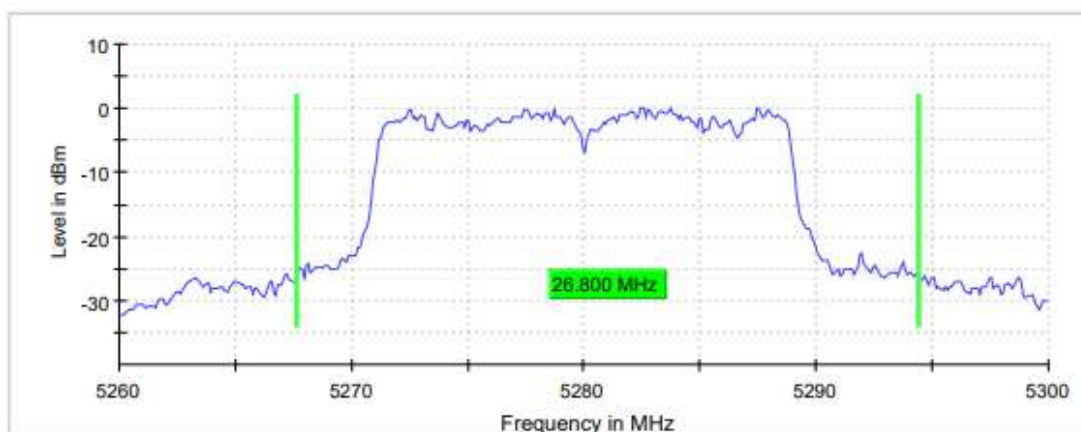
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 27.300                       | 26.800                       | 31.900                        |
| Occupied bandwidth (MHz) | 17.800                       | 17.800                       | 17.900                        |

**26 dB Bandwidth:**

**Lowest Channel**

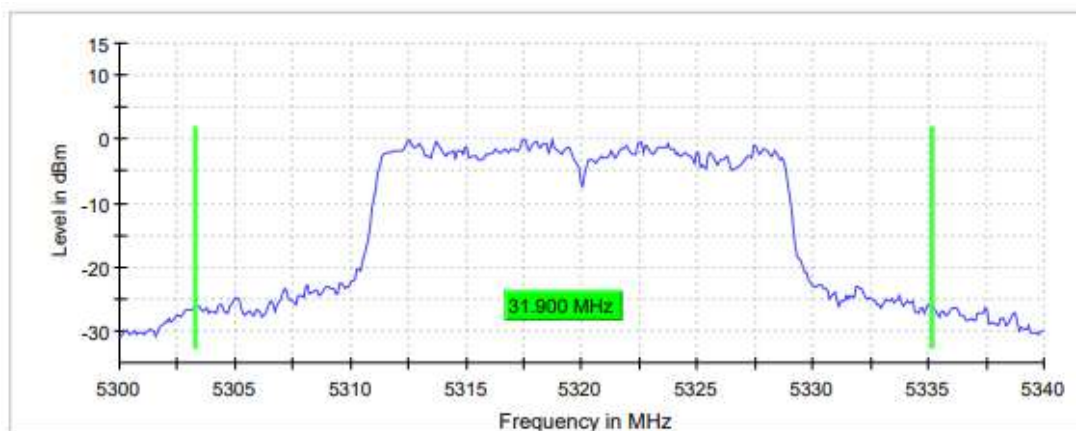


**Middle Channel**



## TEST RESULTS (Cont.)

### Highest Channel



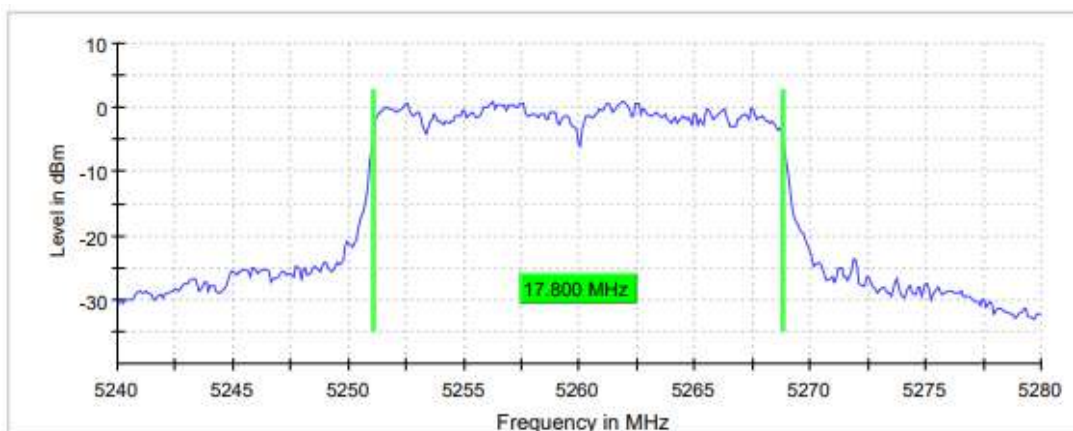
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 51 / max. 150    | 45 / max. 150    | 48 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.23 dB          | 0.19 dB          | 0.12 dB          |

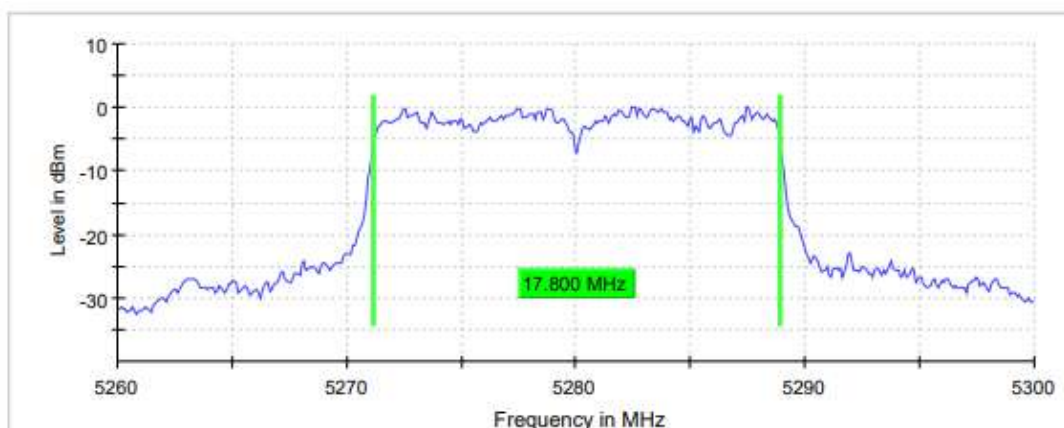
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

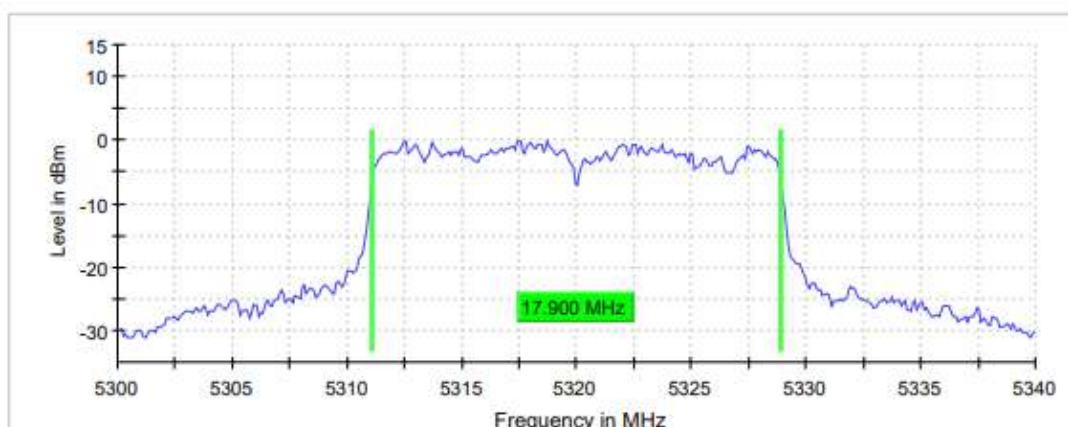
**Lowest Channel**



**Middle Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 40 / max. 150    | 66 / max. 150    | 43 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.23 dB          | 0.18 dB          |

## TESTED SAMPLES:

S/01

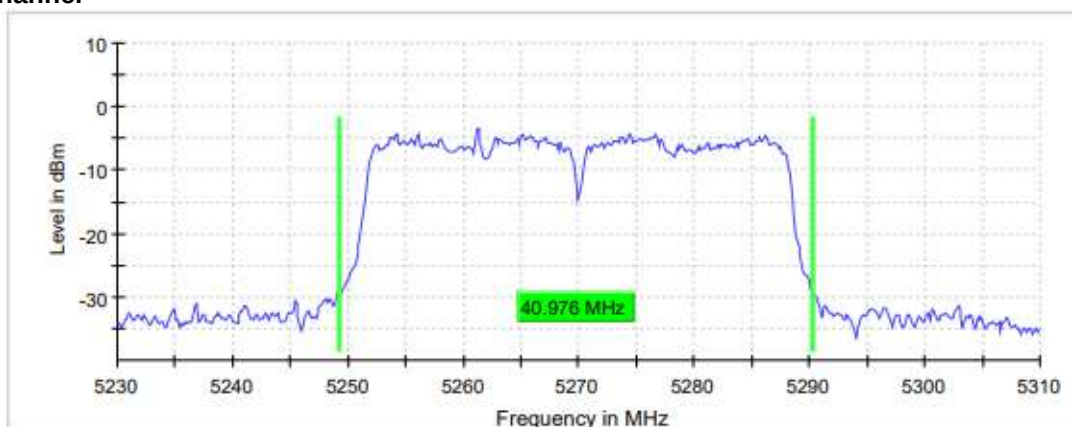
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED CONDITIONS MODES:</b> | TC#03 (ac Mode SISO Radio A) |
| <b>TEST RESULTS:</b>            | PASS                         |

**Bandwidth: 40 MHz**

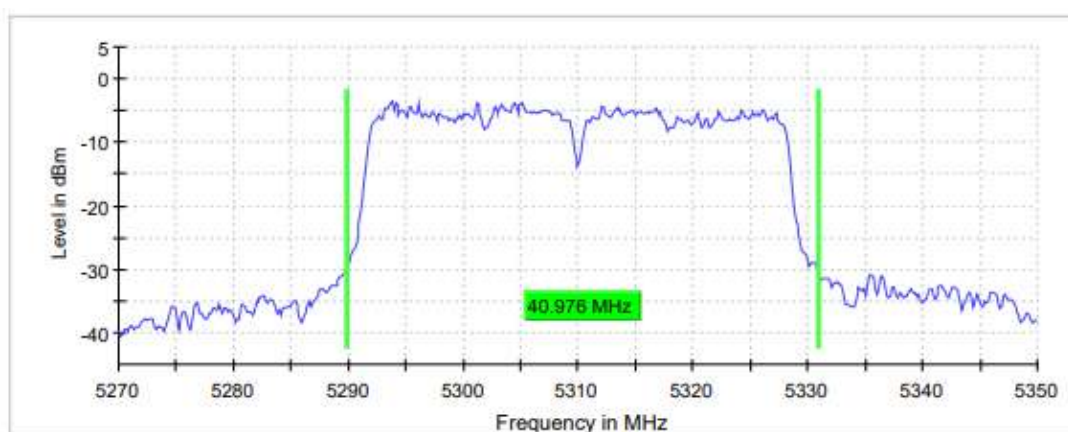
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 40.976                       | 40.976                        |
| Occupied bandwidth (MHz) | 36.250                       | 36.250                        |

**26 dB Bandwidth**

**Lowest Channel**



**Highest Channel**



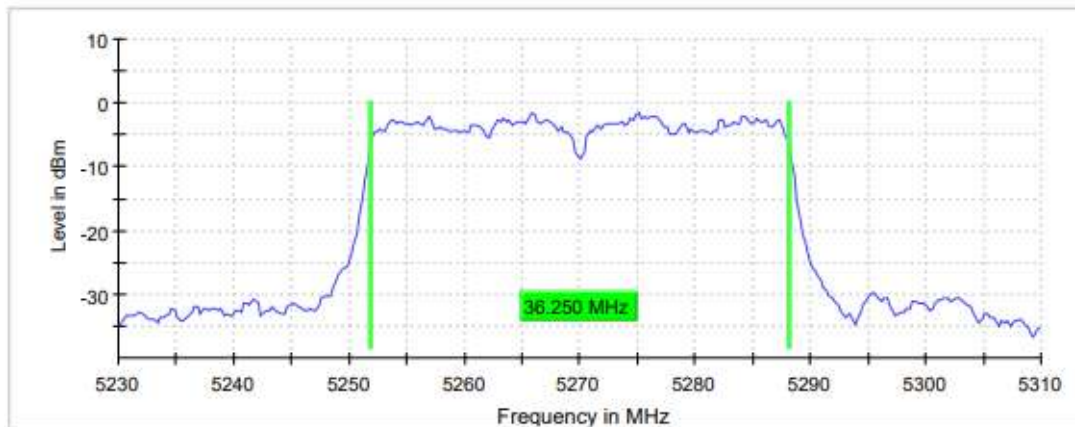
|                             |  |
|-----------------------------|--|
| <b>TEST RESULTS (Cont.)</b> |  |
| <b>Measurement</b>          |  |

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 103 / max. 150   | 113 / max. 150   |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.13 dB          | 0.00dB           |

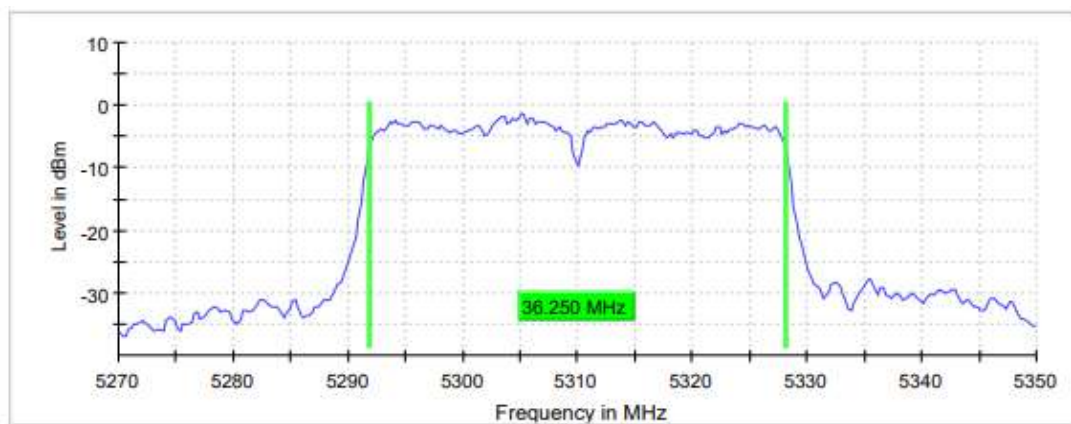
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 65 / max. 150    | 71 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00 dB          |

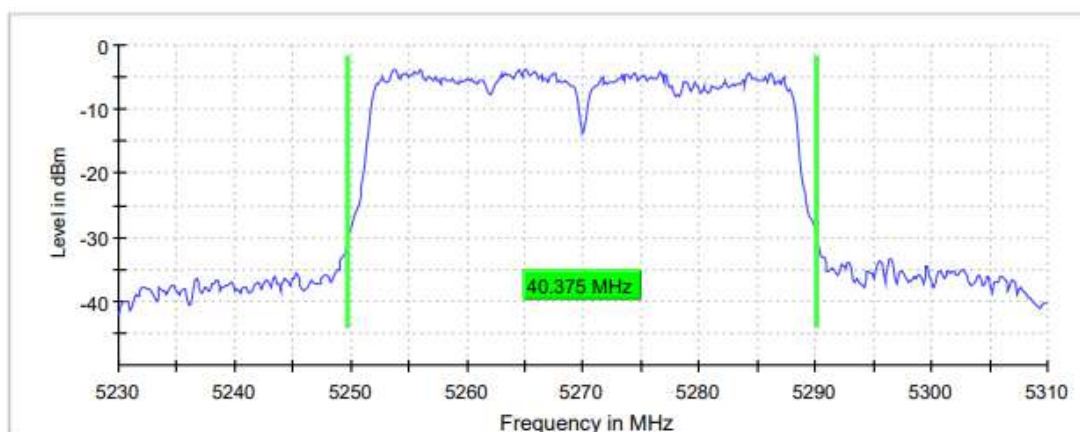
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#03 (ac Mode SISO Radio B) |
| <b>TEST RESULTS:</b>            | PASS                         |

**Bandwidth: 40 MHz**

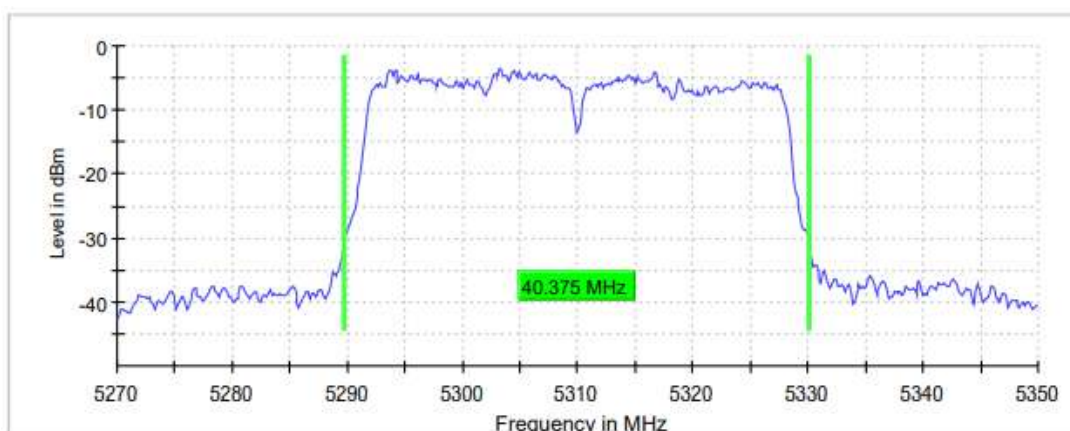
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 40.375                       | 40.375                        |
| Occupied bandwidth (MHz) | 36.500                       | 36.250                        |

**26 dB Bandwidth**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

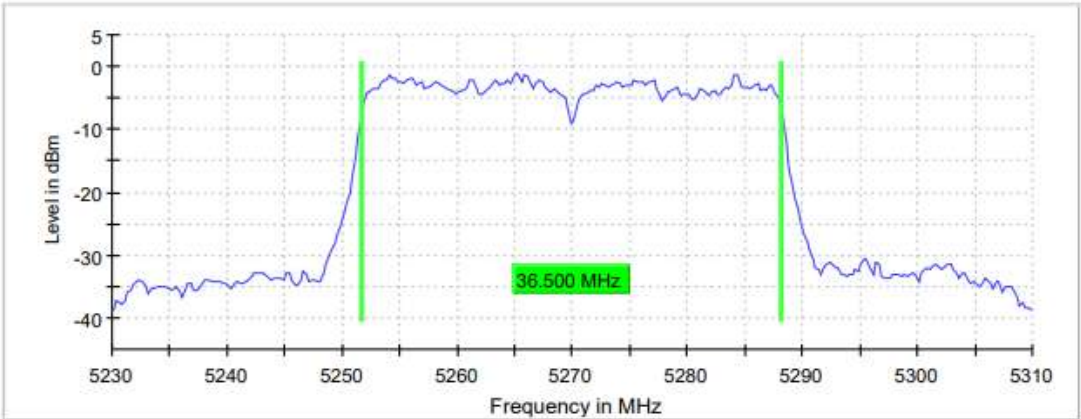
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 86 / max. 150    | 95 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.19 dB          | 0.00 dB          |

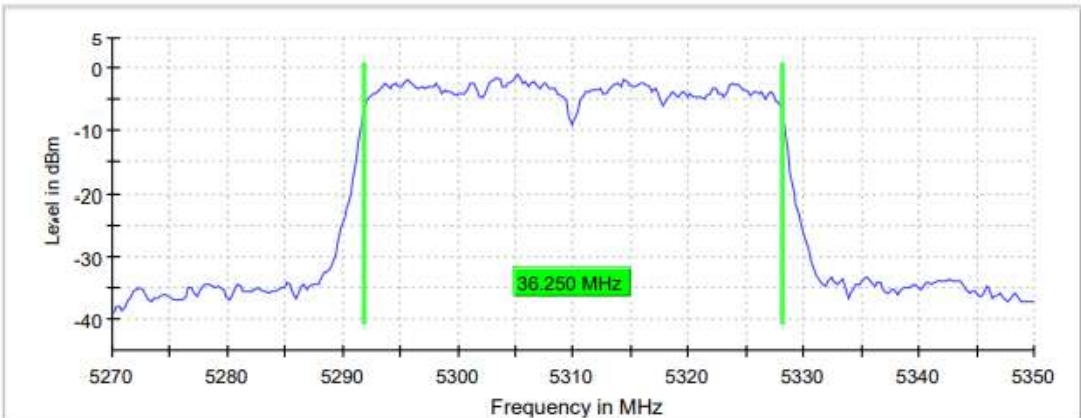
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 63 / max. 150    | 43 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.07 dB          | 0.00 dB          |

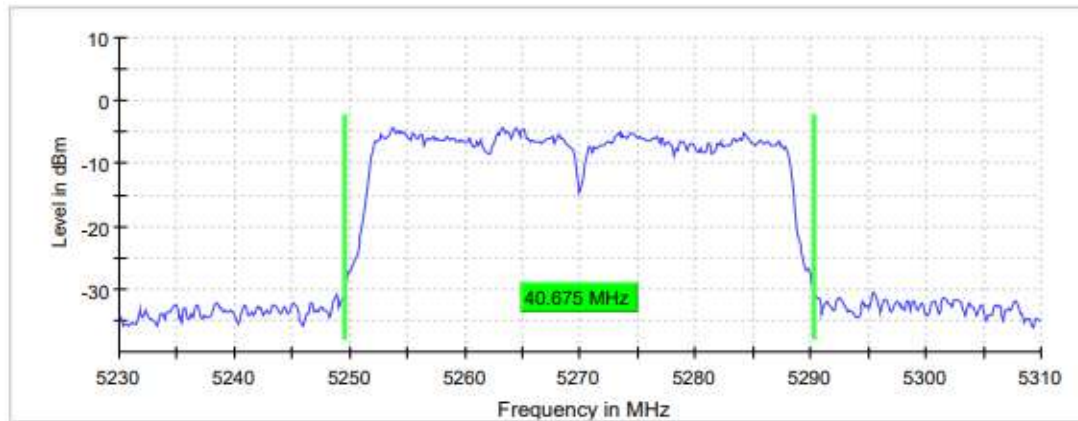
|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/01                           |
| TESTED CONDITIONS MODES: | TC#03 (ac Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

**Bandwidth: 40 MHz**

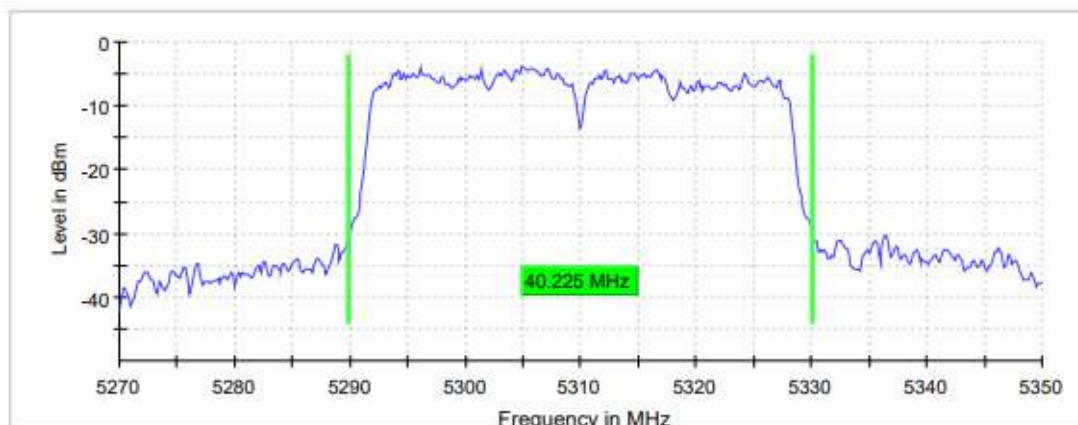
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 40.675                       | 40.225                        |
| Occupied bandwidth (MHz) | 36.750                       | 36.250                        |

**26 dB Bandwidth**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

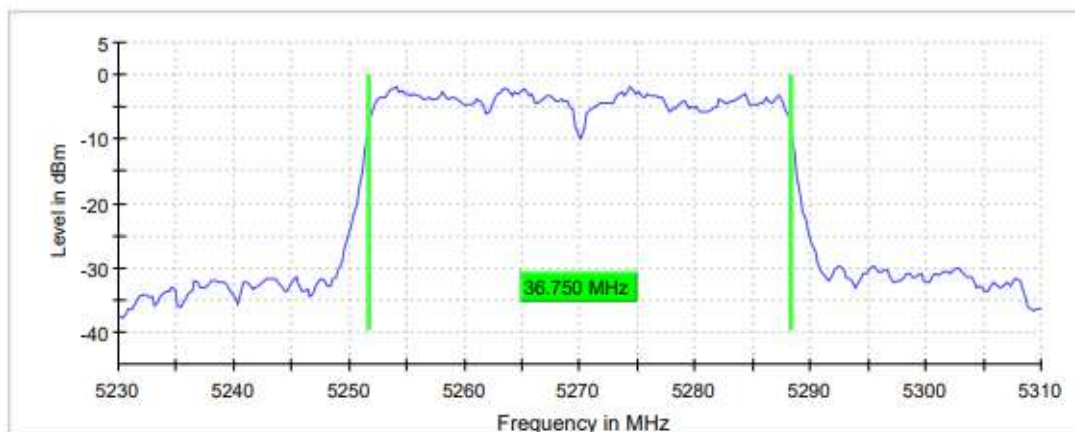
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 103 / max. 150   | 54 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 018 dB           | 0.23 dB          |

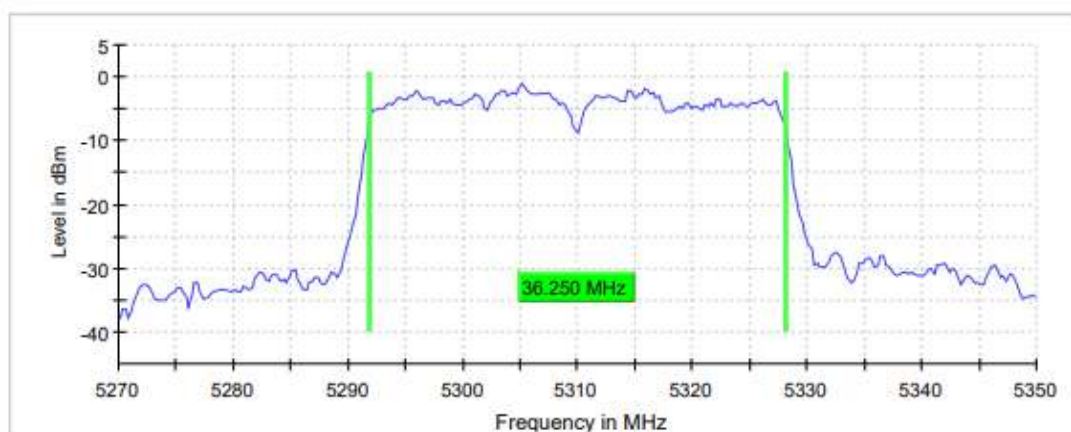
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

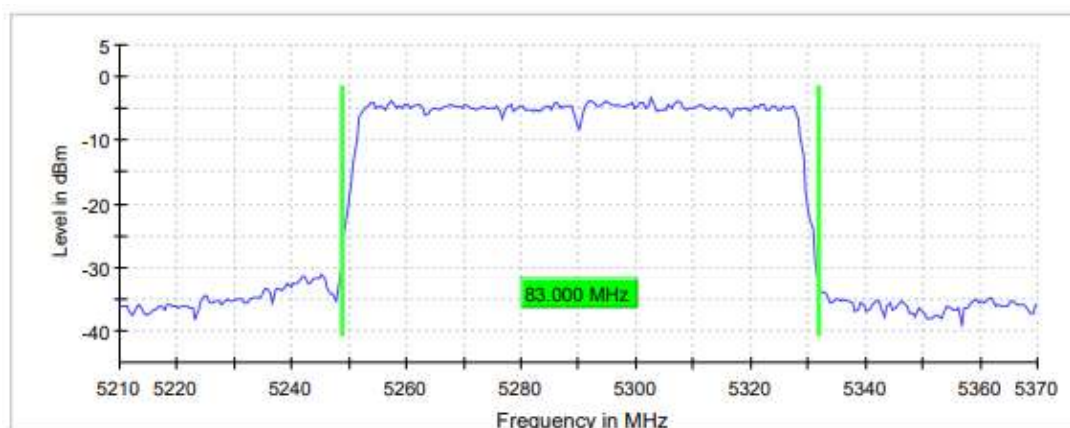
| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 87 / max. 150    | 55 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.08 dB          |

|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#03 (ac Mode SISO Radio A) |
| <b>TEST RESULTS:</b>            | PASS                         |

**Bandwidth: 80 MHz**

|                          |                              |
|--------------------------|------------------------------|
|                          | Lowest frequency<br>5290 MHz |
| 26dB bandwidth (MHz)     | 83.000                       |
| Occupied bandwidth (MHz) | 76.500                       |

**26 dB Bandwidth  
Lowest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 10.000 dBm       |
| Attenuation           | 30.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 65 / max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.00 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

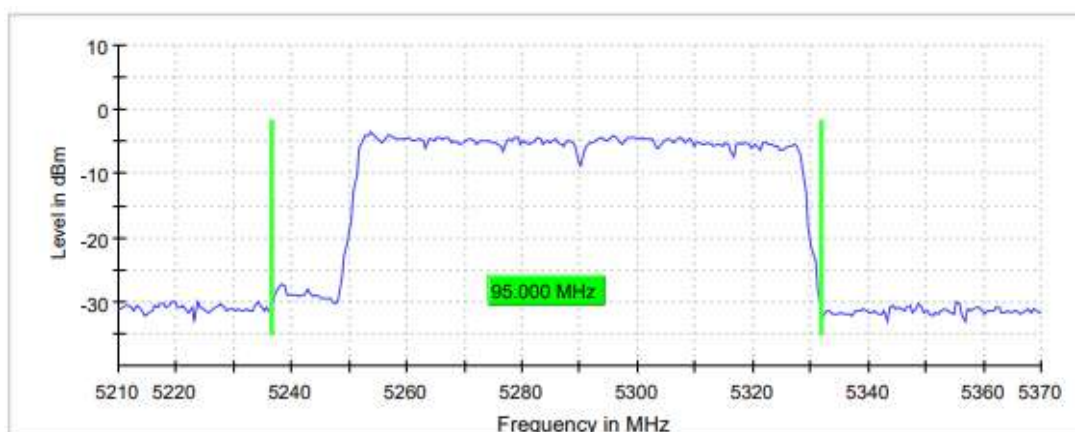
| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 0.000 dBm        |
| Attenuation           | 20.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | Off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 49 / max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.09 dB          |

|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#03 (ac Mode SISO Radio B) |
| <b>TEST RESULTS:</b>            | PASS                         |

**Bandwidth: 80 MHz**

|                          |                              |
|--------------------------|------------------------------|
|                          | Lowest frequency<br>5290 MHz |
| 26dB bandwidth (MHz)     | 95.000                       |
| Occupied bandwidth (MHz) | 76.500                       |

**26 dB Bandwidth  
Lowest Channel**



## TEST RESULTS (Cont.)

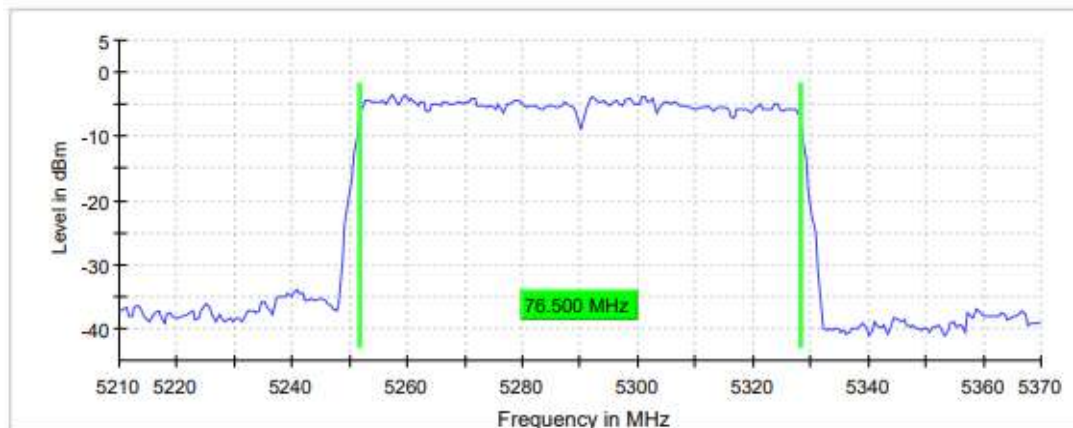
### Measurement

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 10.000 dBm       |
| Attenuation           | 30.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 59 / max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.11 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

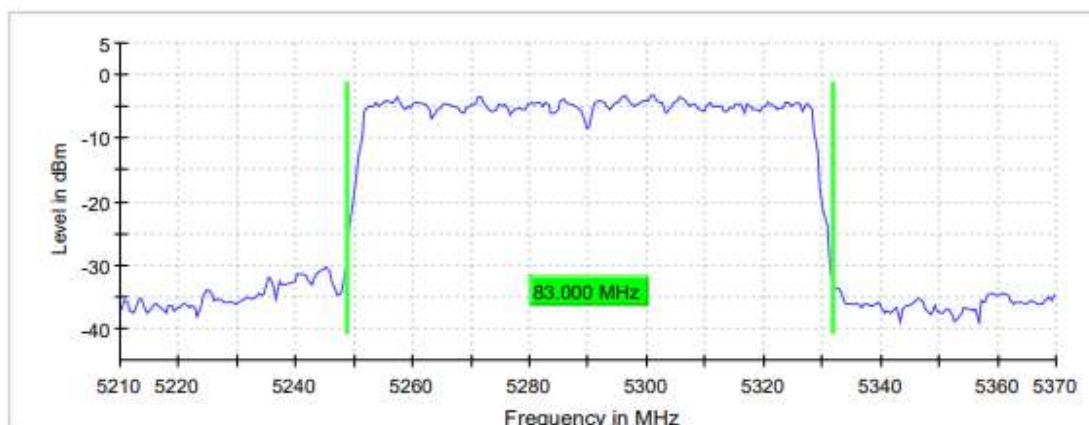
| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 0.000 dBm        |
| Attenuation           | 20.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | Off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 65 / max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.00 dB          |

|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/01                           |
| TESTED CONDITIONS MODES: | TC#03 (ac Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

**Bandwidth: 80 MHz**

|                          |                              |
|--------------------------|------------------------------|
|                          | Lowest frequency<br>5290 MHz |
| 26dB bandwidth (MHz)     | 83.000                       |
| Occupied bandwidth (MHz) | 76.500                       |

**26 dB Bandwidth  
Lowest Channel**



## TEST RESULTS (Cont.)

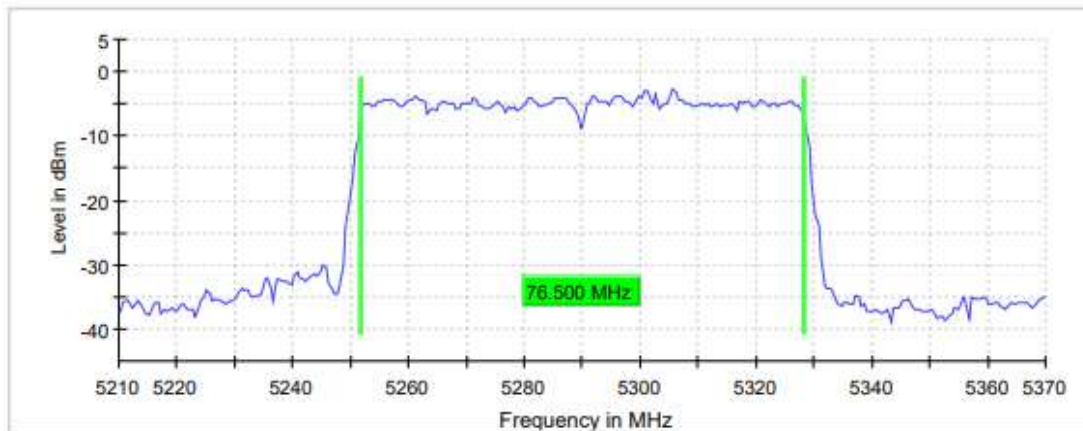
### Measurement

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 10.000 dBm       |
| Attenuation           | 30.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 96/ max. 150     |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.05 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 0.000 dBm        |
| Attenuation           | 20.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamplifier          | Off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 77 / max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.03 dB          |

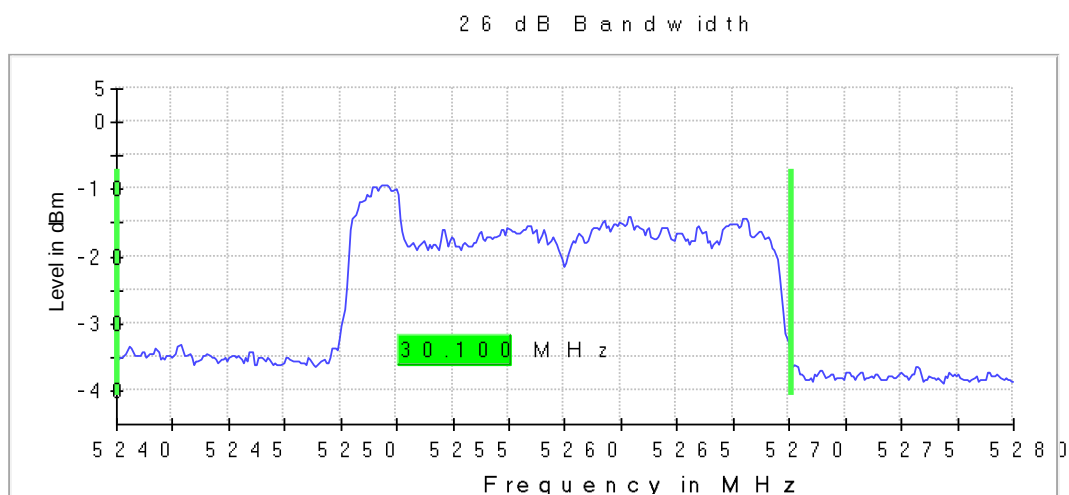
|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode SISO Radio A) |
| TEST RESULTS:            | PASS                         |

#### Bandwidth: 20 MHz

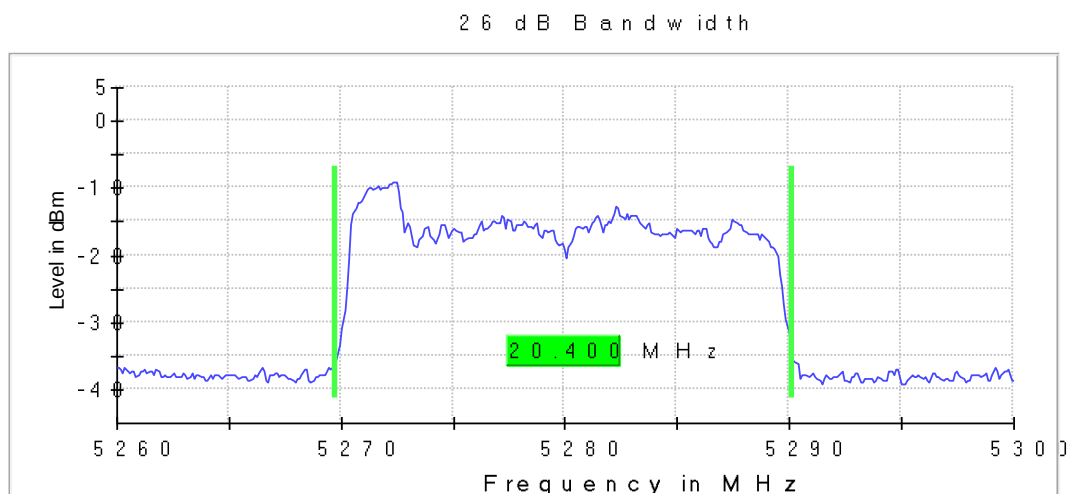
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB bandwidth (MHz)     | 30.100                       | 20.400                       | 29.300                        |
| Occupied bandwidth (MHz) | 20.800                       | 19.100                       | 19.100                        |

#### 26 dB Bandwidth:

##### Lowest Channel



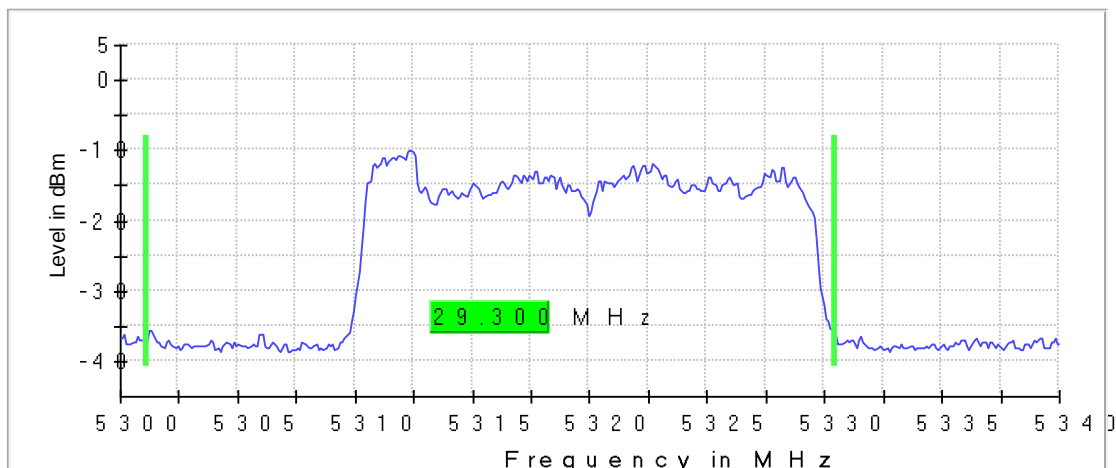
##### Middle Channel



## TEST RESULTS (Cont.)

### Highest Channel

26 dB Bandwidth



### Measurement

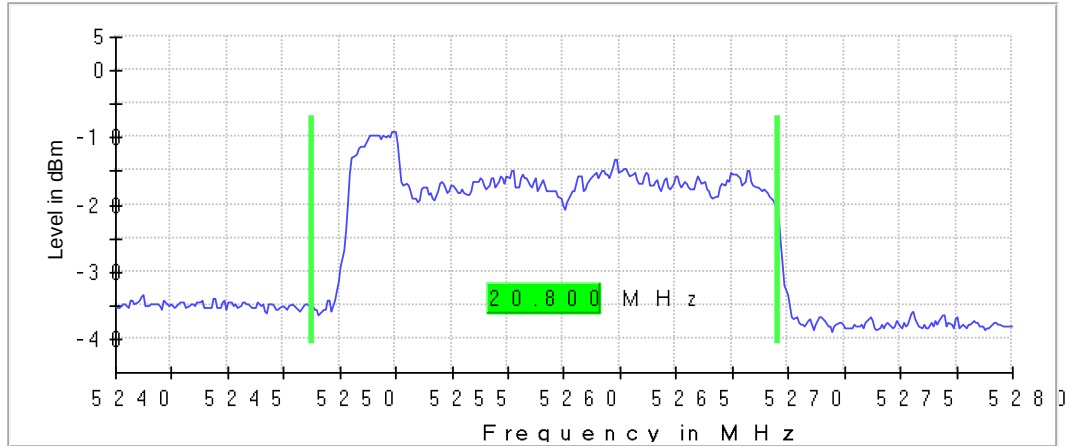
| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24 000 GHz     | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 59 / max. 150    | 78 / max. 150    | 120 / max. 150   |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.24 dB          | 0.00 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

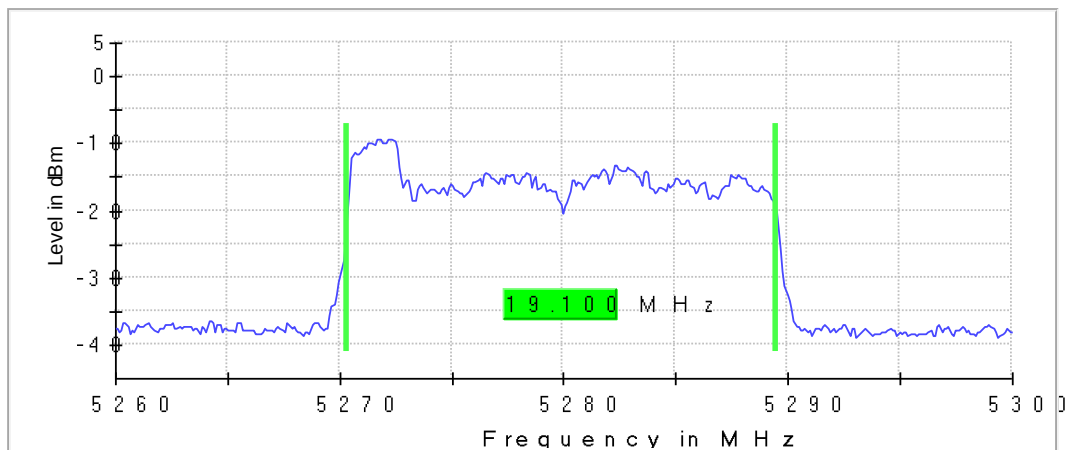
**Lowest Channel**

99 % Bandwidth



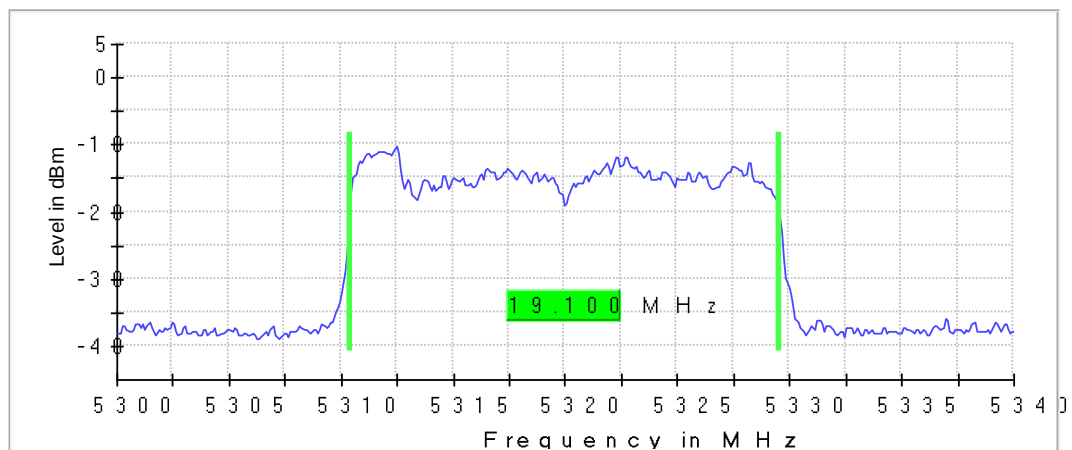
**Middle Channel**

99 % Bandwidth



**Highest Channel**

99 % Bandwidth



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 42 / max. 150    | 76 / max. 150    | 123 / max. 150   |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.18 dB          | 0.04 dB          | 0.00 dB          |

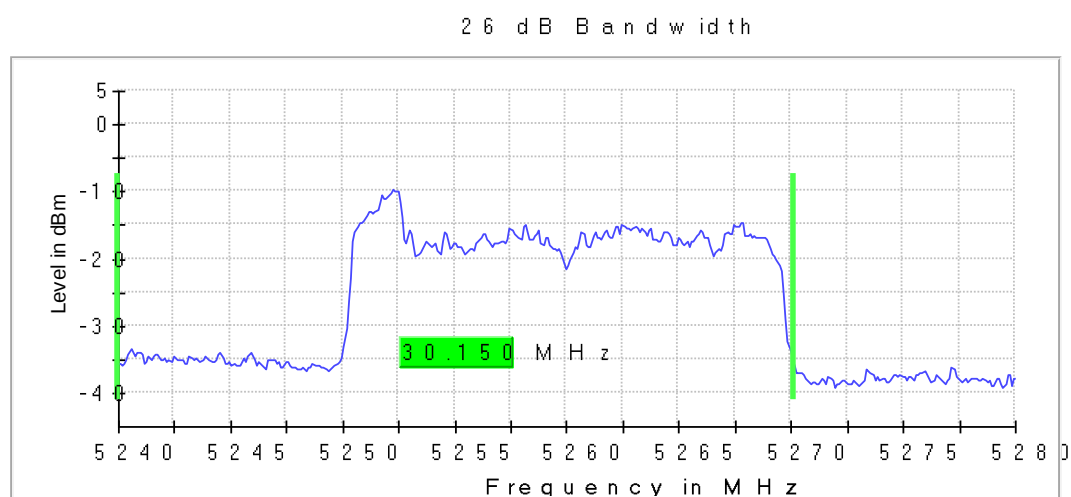
|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/01                           |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

#### Bandwidth: 20 MHz

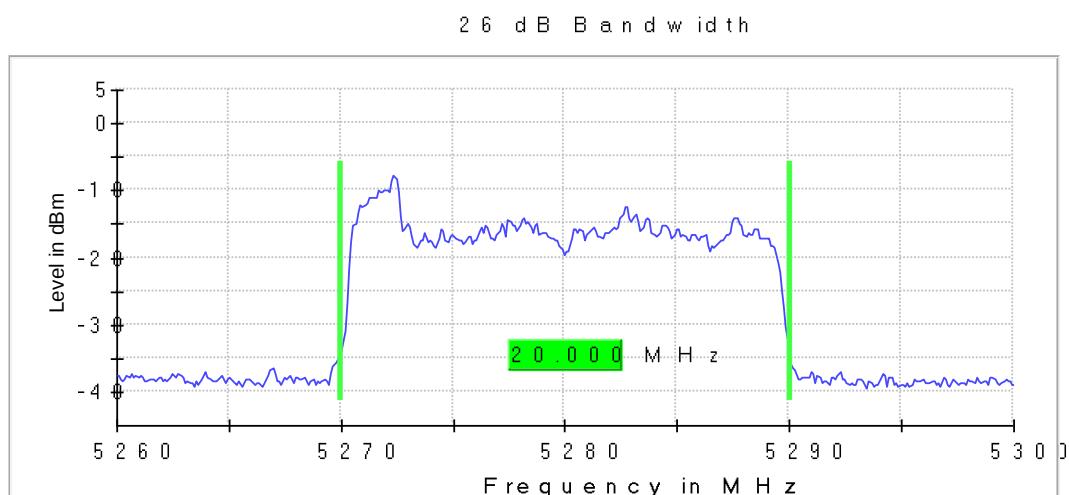
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB Bandwidth (MHz)     | 30.150                       | 20.000                       | 20.600                        |
| Occupied bandwidth (MHz) | 22.100                       | 19.000                       | 19.100                        |

#### 26 dB Bandwidth:

##### Lowest Channel

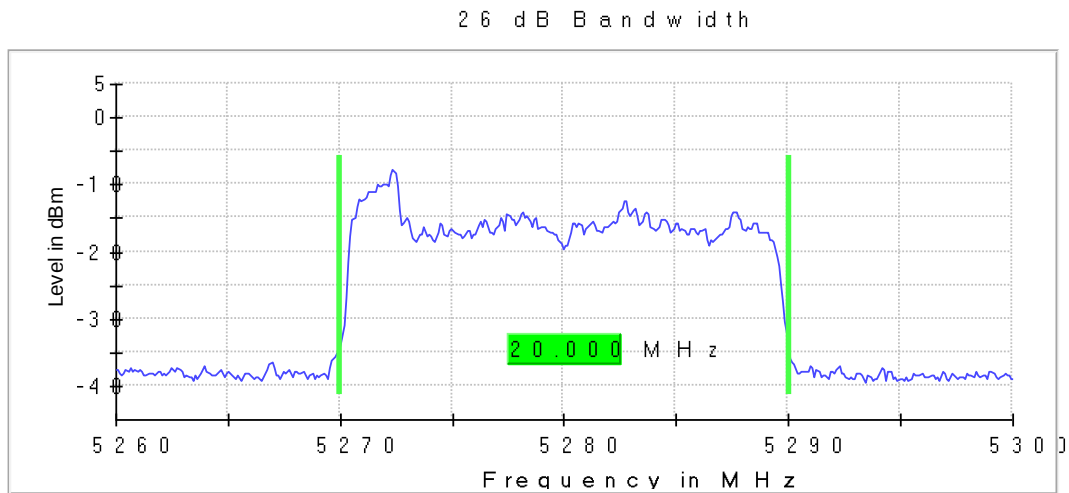


##### Middle Channel



## TEST RESULTS (Cont.)

### Highest Channel



### Measurement

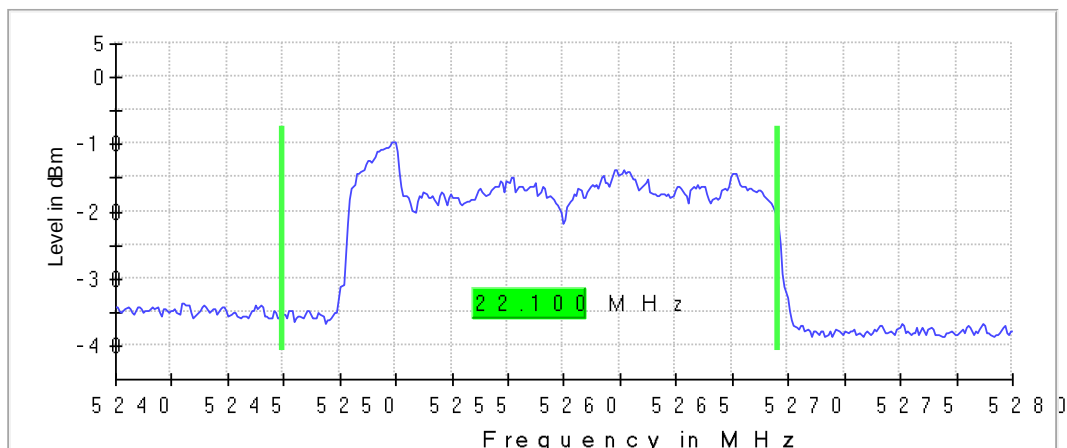
| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.26000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.03400 MHz     |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamp                | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 67 / max. 150    | 82 / max. 150    | 92 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.01 dB          | 0.19 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

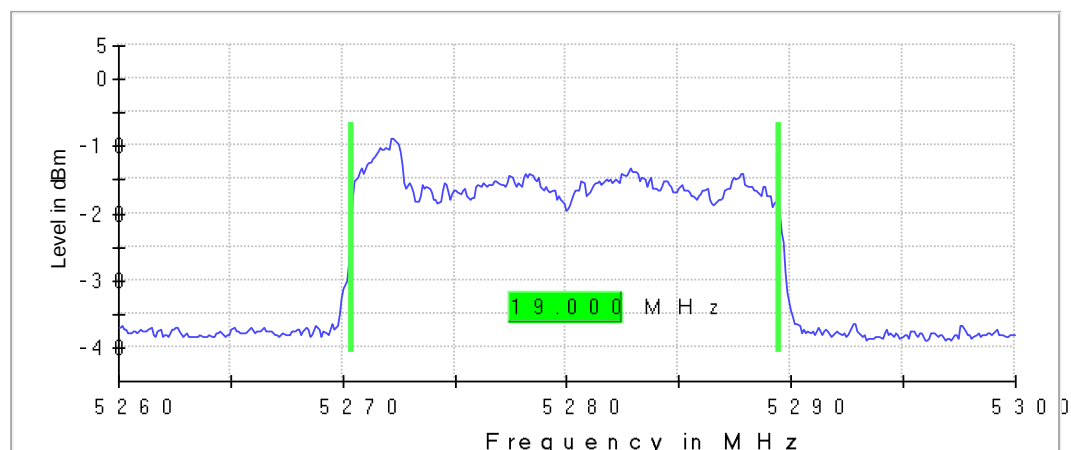
**Lowest Channel**

99 % Bandwidth



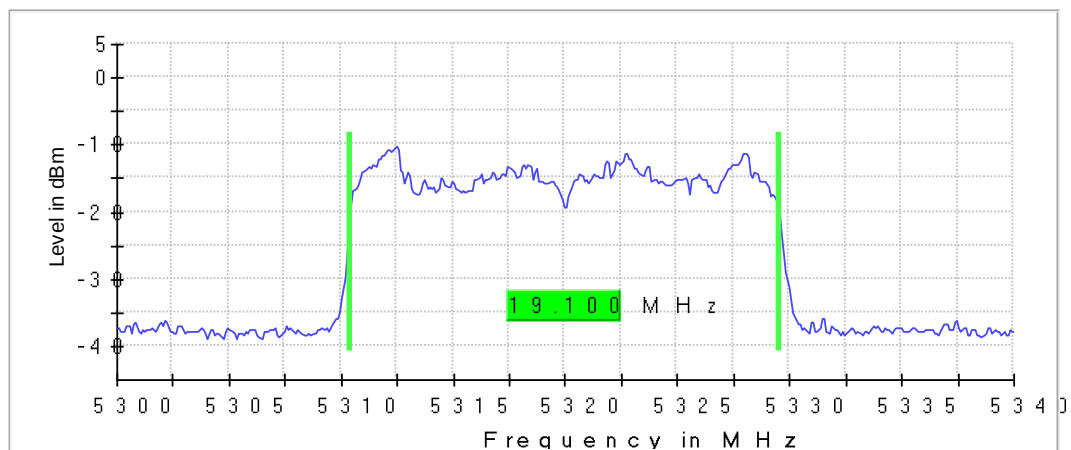
**Middle Channel**

99 % Bandwidth



**Highest Channel**

99 % Bandwidth



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.30000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.34000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 20.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 87 / max. 150    | 82 / max. 150    | 92 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.16 dB          | 0.19 dB          |

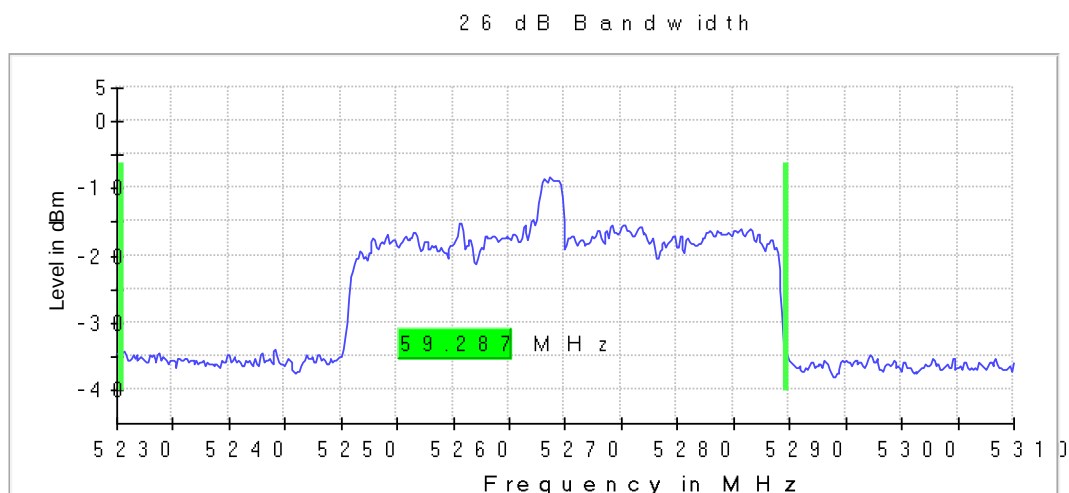
|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode SISO Radio A) |
| TEST RESULTS:            | PASS                         |

## Bandwidth: 40 MHz

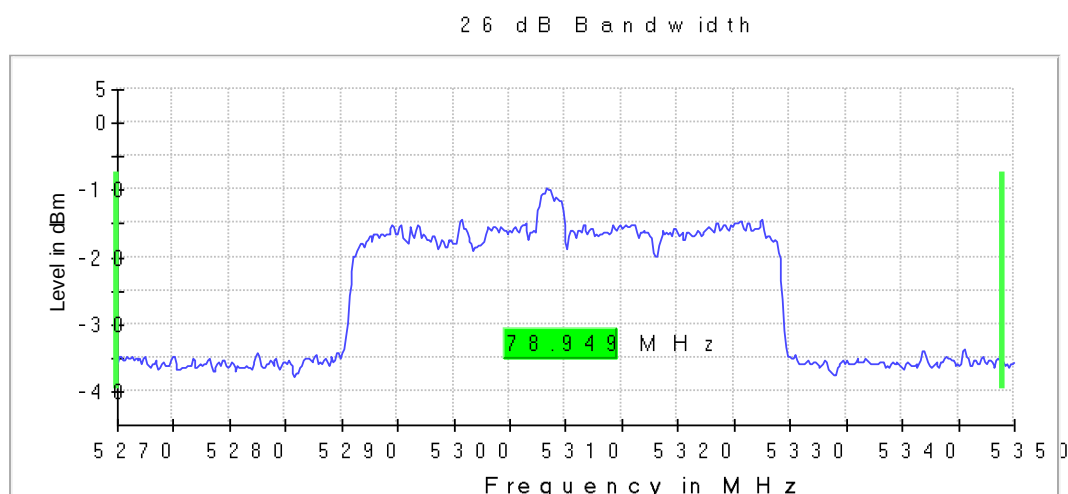
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 59.287                       | 78.949                        |
| Occupied bandwidth (MHz) | 42.000                       | 39.250                        |

## 26 dB Bandwidth

### Lowest Channel



### Highest Channel



## TEST RESULTS (Cont.)

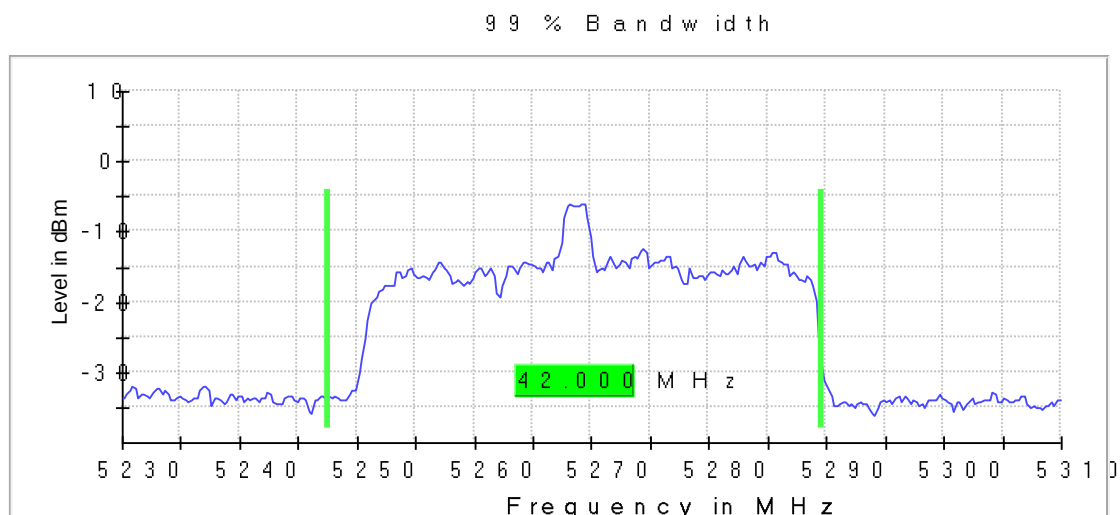
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 30.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 96 / max. 150    | 119 / max. 150   |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.00dB           |

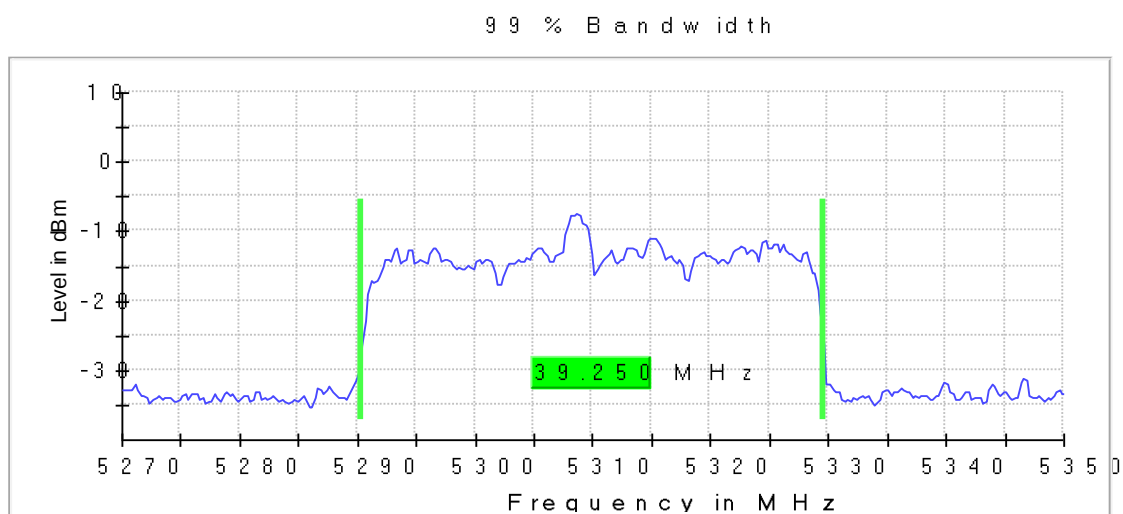
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 0.000 dBm        | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 75 / max. 150    | 71 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.10 dB          | 0.23 dB          |

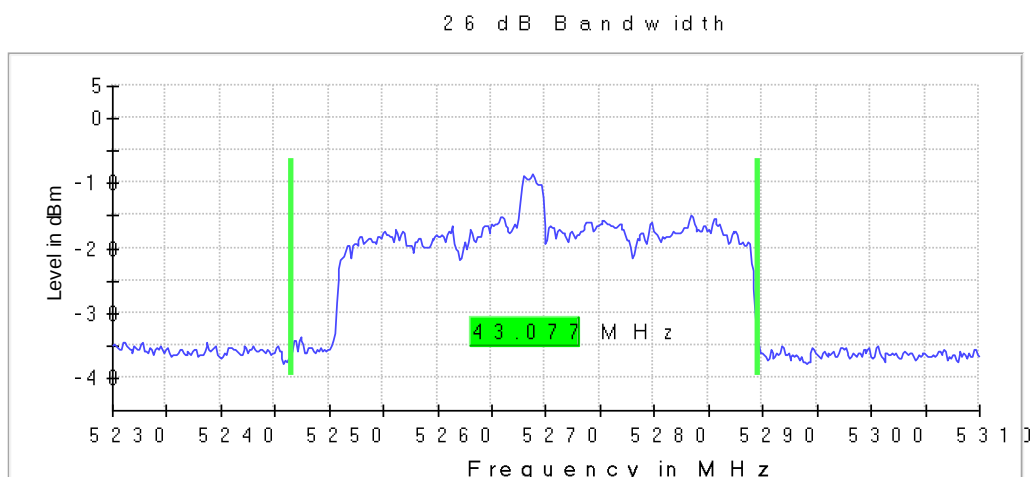
|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/01                           |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

**Bandwidth: 40 MHz**

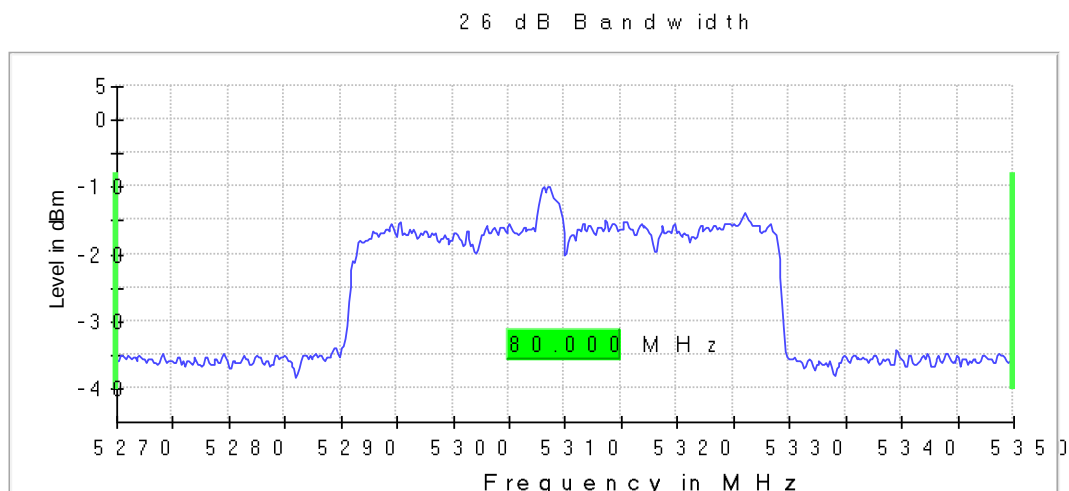
|                          |                              |                               |
|--------------------------|------------------------------|-------------------------------|
|                          | Lowest frequency<br>5270 MHz | Highest frequency<br>5310 MHz |
| 26dB bandwidth (MHz)     | 43.077                       | 80.000                        |
| Occupied bandwidth (MHz) | 43.750                       | 40.000                        |

## 26 dB Bandwidth

### Lowest Channel



### Highest Channel



## TEST RESULTS (Cont.)

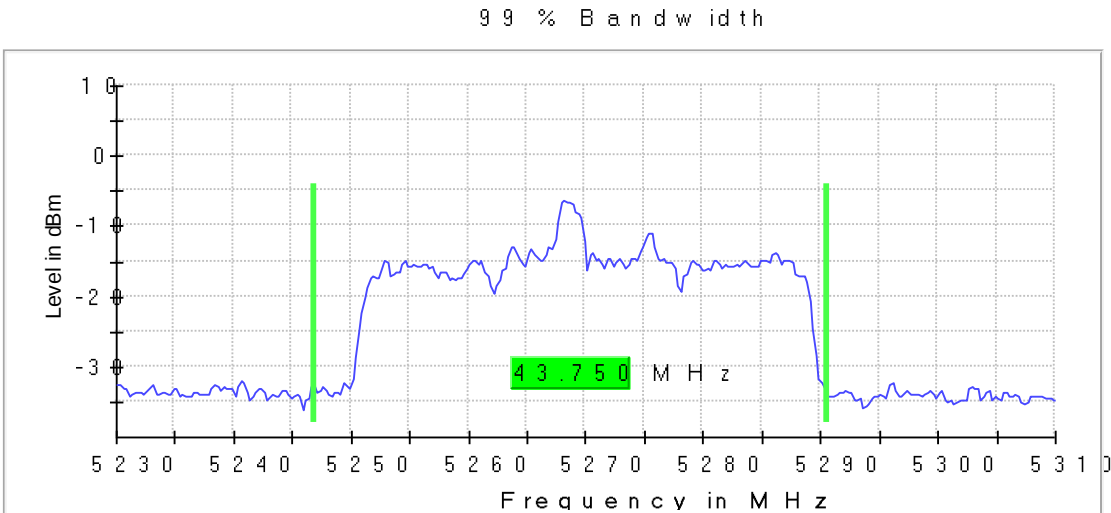
### Measurement

| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 300.000 kHz      | 300.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 533              | 533              |
| Sweep time            | 31.621 $\mu$ s   | 31.621 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 0.000 dBm        |
| Attenuation           | 20.000 dB        | 20.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 93 / max. 150    | 83 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.14 dB          |

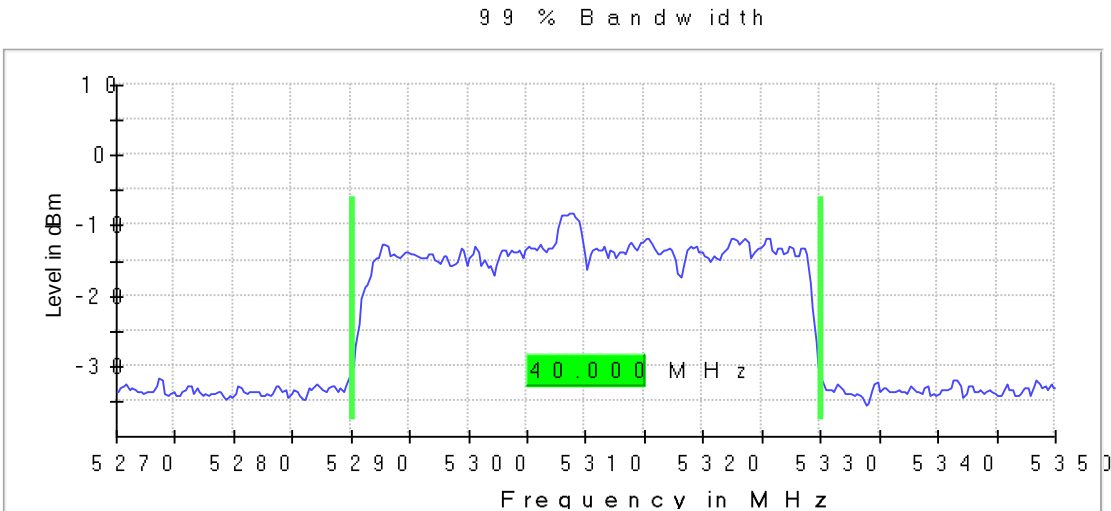
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Highest Channel**



## TEST RESULTS (Cont.)

### Measurement

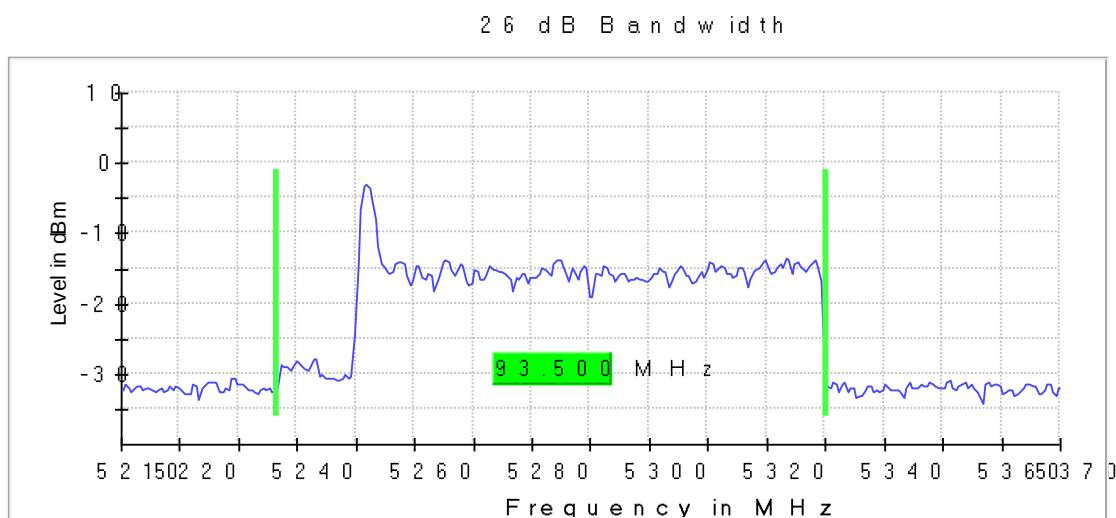
| Setting               | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency       | 5.23000 GHz      | 5.27000 GHz      |
| Stop Frequency        | 5.31000 GHz      | 5.35000 GHz      |
| Span                  | 80.000 MHz       | 80.000 MHz       |
| RBW                   | 500.000 kHz      | 500.000 kHz      |
| VBW                   | 2.000 MHz        | 2.000 MHz        |
| Sweep Points          | 320              | 320              |
| Sweep time            | 18.906 $\mu$ s   | 18.906 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              |
| Filter                | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              |
| Preamp                | Off              | off              |
| Stable mode           | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          |
| Run                   | 71 / max. 150    | 35 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.07 dB          | 0.00 dB          |

|                          |                              |
|--------------------------|------------------------------|
| TESTED SAMPLES:          | S/01                         |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode SISO Radio A) |
| TEST RESULTS:            | PASS                         |

**Bandwidth: 80 MHz**

|                          |                              |
|--------------------------|------------------------------|
|                          | Lowest frequency<br>5290 MHz |
| 26dB bandwidth (MHz)     | 93.500                       |
| Occupied bandwidth (MHz) | 114.000                      |

**26 dB Bandwidth  
Lowest Channel**



## TEST RESULTS (Cont.)

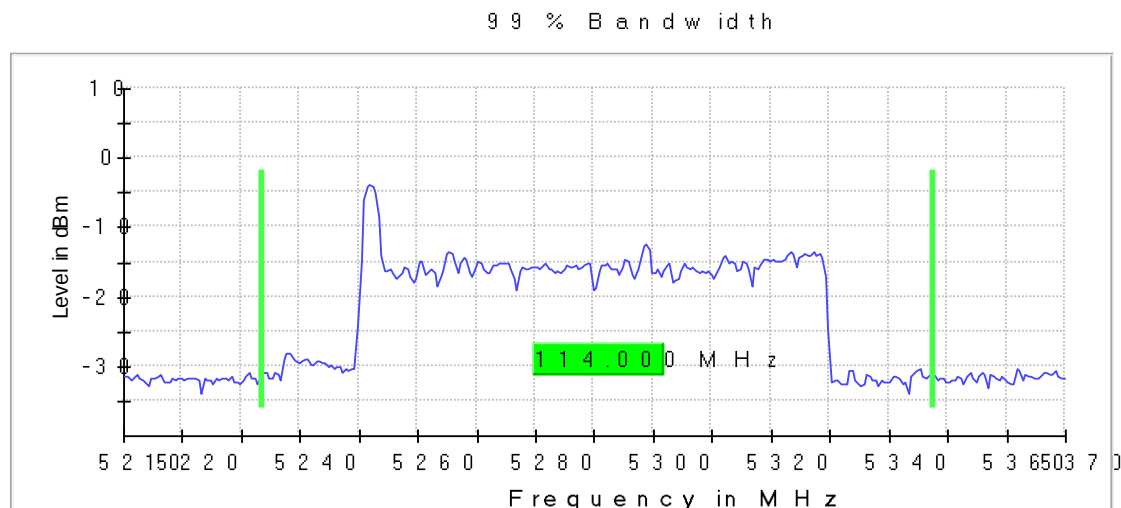
### Measurement

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 10.000 dBm       |
| Attenuation           | 30.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 120 / max. 150   |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.00 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

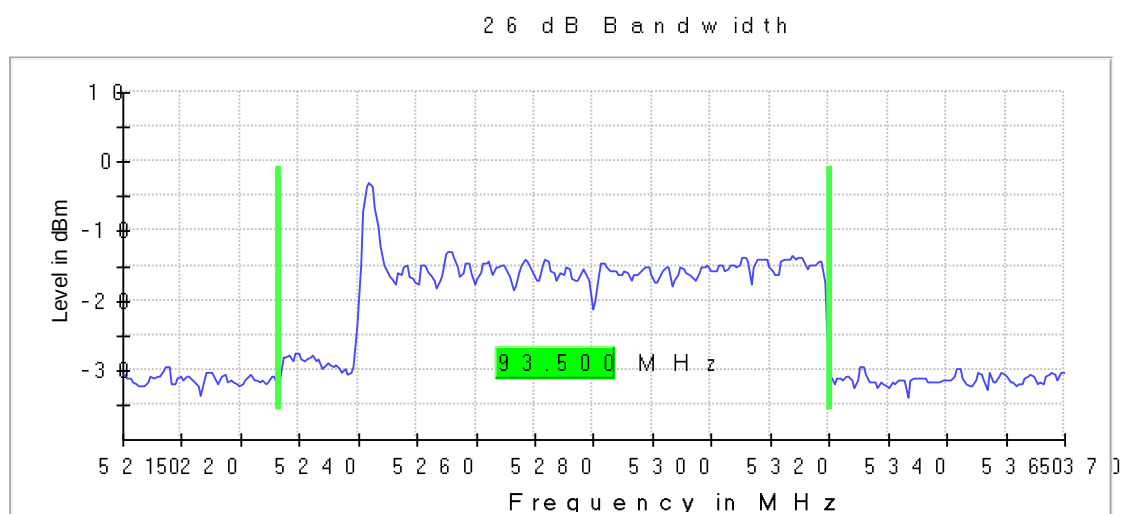
| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 0.000 dBm        |
| Attenuation           | 20.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | Off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 78 / max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.08 dB          |

|                          |                                |
|--------------------------|--------------------------------|
| TESTED SAMPLES:          | S/01                           |
| TESTED CONDITIONS MODES: | TC#04 (ax Mode MIMO Radio A+B) |
| TEST RESULTS:            | PASS                           |

**Bandwidth: 80 MHz**

|                          |                              |
|--------------------------|------------------------------|
|                          | Lowest frequency<br>5290 MHz |
| 26dB bandwidth (MHz)     | 93.500                       |
| Occupied bandwidth (MHz) | 115.000                      |

**26 dB Bandwidth  
Lowest Channel**



## TEST RESULTS (Cont.)

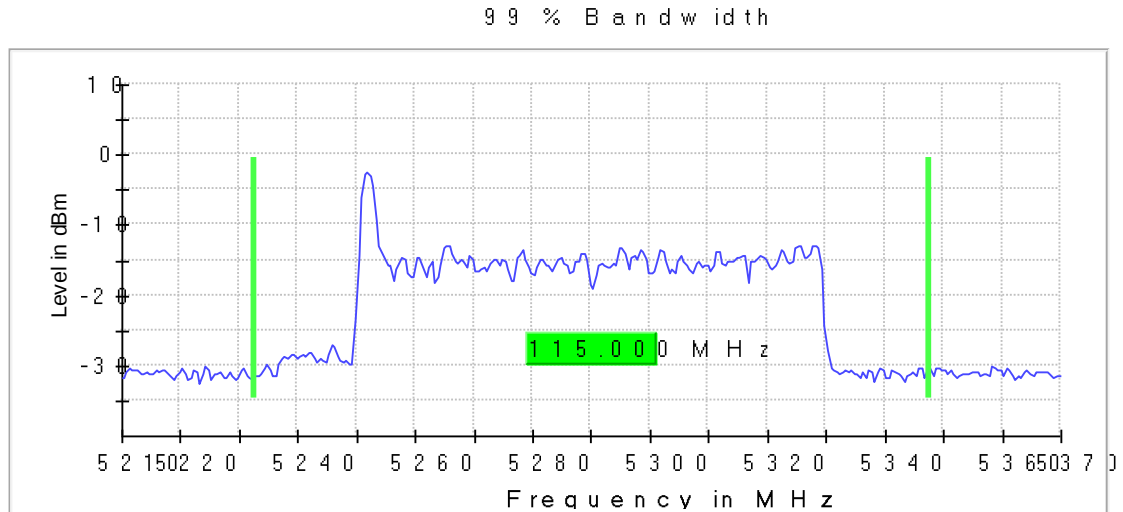
### Measurement

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.21000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 22.875 $\mu$ s   |
| Reference Level       | 10.000 dBm       |
| Attenuation           | 30.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 103/ max. 150    |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.17 dB          |

**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Measurement**

| Setting               | Instrument Value |
|-----------------------|------------------|
| Start Frequency       | 5.31000 GHz      |
| Stop Frequency        | 5.37000 GHz      |
| Span                  | 160.000 MHz      |
| RBW                   | 1.000 MHz        |
| VBW                   | 3.000 MHz        |
| Sweep Points          | 320              |
| Sweep time            | 189.453 $\mu$ s  |
| Reference Level       | 0.000 dBm        |
| Attenuation           | 20.000 dB        |
| Detector              | Max Peak         |
| Sweep Count           | 200              |
| Filter                | 3 dB             |
| Trace Mode            | Max Hold         |
| Sweep type            | FFT              |
| Preamp                | Off              |
| Stable mode           | Trace            |
| Stable value          | 0.30 dB          |
| Run                   | 114 / max. 150   |
| Stable                | 5 / 5            |
| Max Stable Difference | 0.00 dB          |

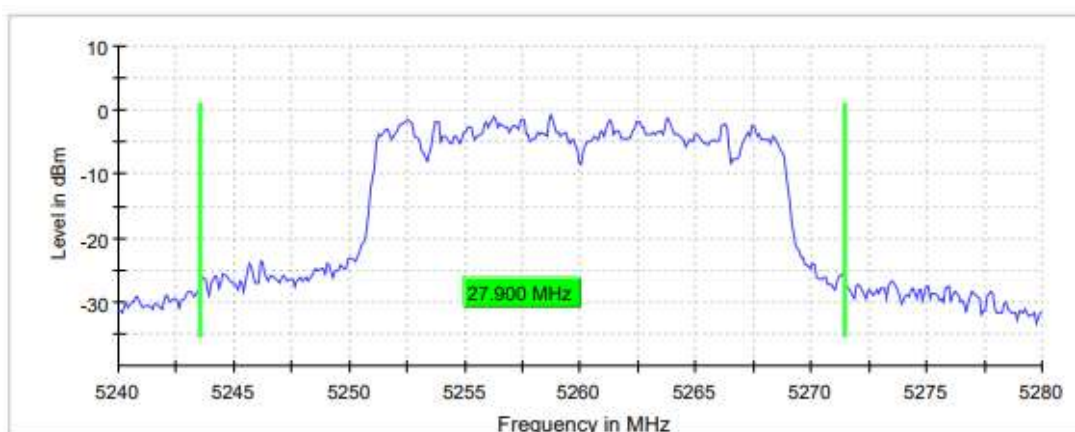
|                                 |                              |
|---------------------------------|------------------------------|
| <b>TESTED SAMPLES:</b>          | S/01                         |
| <b>TESTED CONDITIONS MODES:</b> | TC#05 (ac Mode Beam forming) |
| <b>TEST RESULTS:</b>            | PASS                         |

#### Bandwidth: 20 MHz

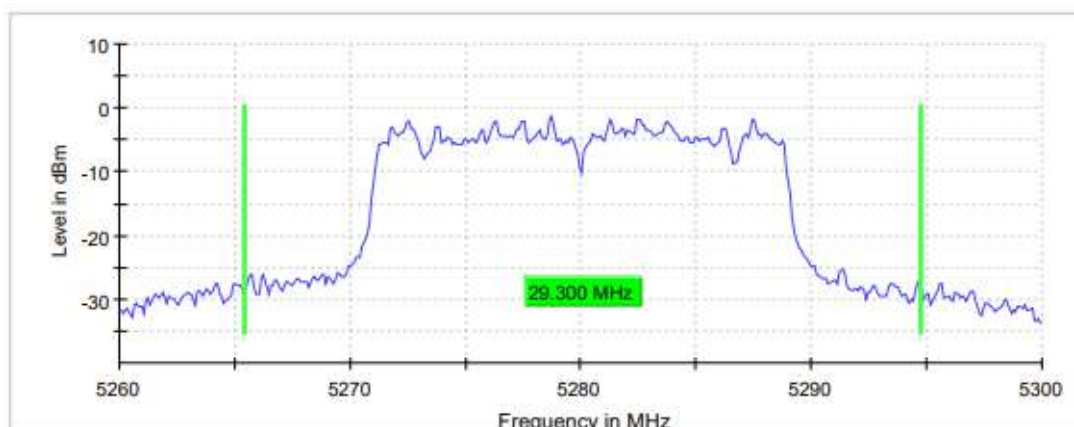
|                          | Lowest frequency<br>5260 MHz | Middle frequency<br>5280 MHz | Highest frequency<br>5320 MHz |
|--------------------------|------------------------------|------------------------------|-------------------------------|
| 26dB bandwidth (MHz)     | 27.900                       | 29.300                       | 20.200                        |
| Occupied bandwidth (MHz) | 17.600                       | 17.700                       | 17.600                        |

#### 26 dB Bandwidth:

##### Lowest Channel

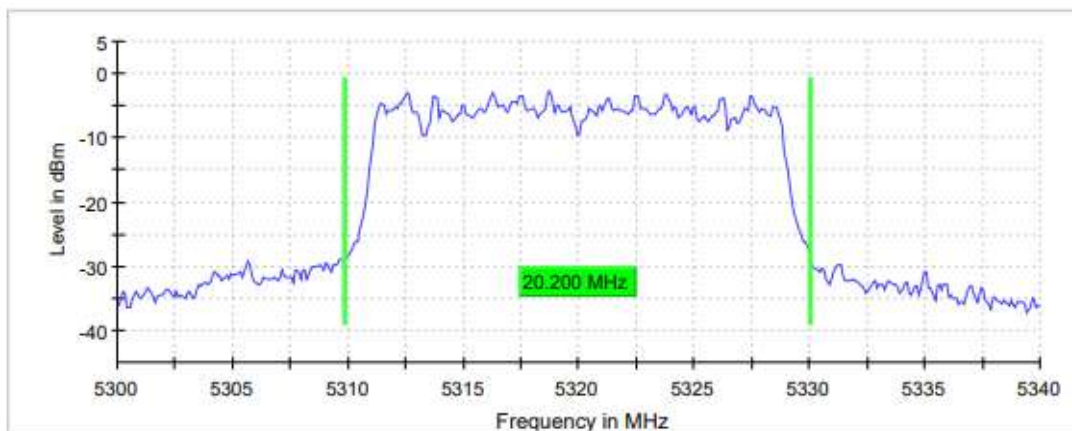


##### Middle Channel



## TEST RESULTS (Cont.)

### Highest Channel



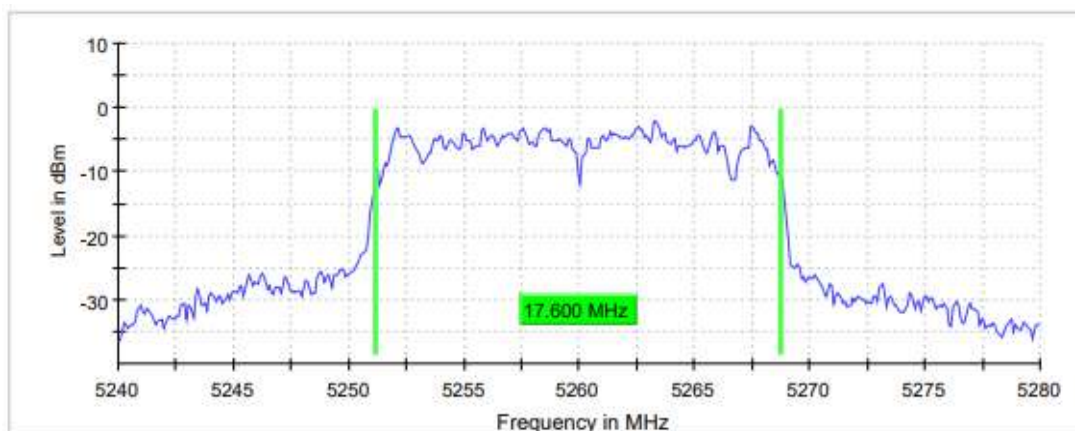
### Measurement

| Setting               | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency       | 5.24000 GHz      | 5.26000 GHz      | 5.22000 GHz      |
| Stop Frequency        | 5.28000 GHz      | 5.30000 GHz      | 5.26000 GHz      |
| Span                  | 40.000 MHz       | 40.000 MHz       | 40.000 MHz       |
| RBW                   | 200.000 kHz      | 200.000 kHz      | 200.000 kHz      |
| VBW                   | 1.000 MHz        | 1.000 MHz        | 1.000 MHz        |
| Sweep Points          | 400              | 400              | 400              |
| Sweep time            | 28.477 $\mu$ s   | 28.477 $\mu$ s   | 28.477 $\mu$ s   |
| Reference Level       | 10.000 dBm       | 10.000 dBm       | 10.000 dBm       |
| Attenuation           | 30.000 dB        | 30.000 dB        | 30.000 dB        |
| Detector              | Max Peak         | Max Peak         | Max Peak         |
| Sweep Count           | 200              | 200              | 200              |
| Filter                | 3 dB             | 3 dB             | 3 dB             |
| Trace Mode            | Max Hold         | Max Hold         | Max Hold         |
| Sweep type            | FFT              | FFT              | FFT              |
| Preamplifier          | off              | off              | off              |
| Stable mode           | Trace            | Trace            | Trace            |
| Stable value          | 0.30 dB          | 0.30 dB          | 0.30 dB          |
| Run                   | 109 / max. 150   | 71 / max. 150    | 84 / max. 150    |
| Stable                | 5 / 5            | 5 / 5            | 5 / 5            |
| Max Stable Difference | 0.00 dB          | 0.09 dB          | 0.27 dB          |

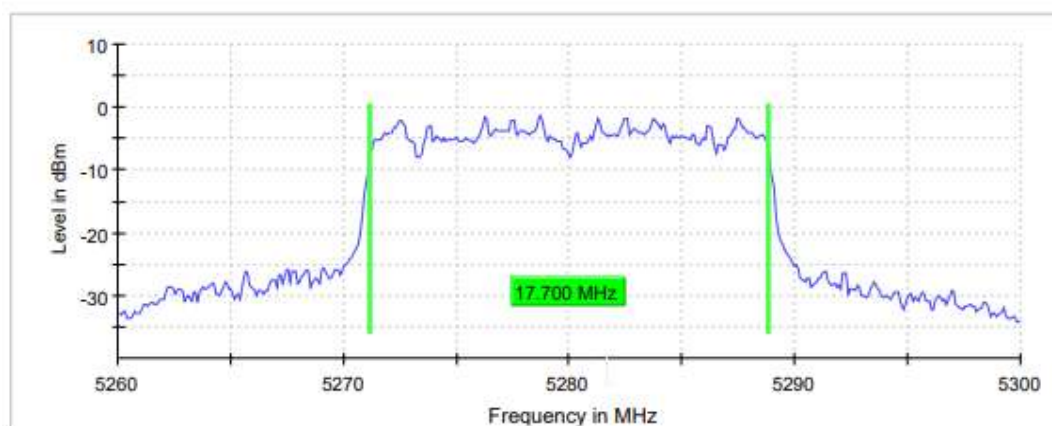
**TEST RESULTS (Cont.):**

**OCCUPIED BANDWIDTH**

**Lowest Channel**



**Middle Channel**



**Highest Channel**

