

## Summary

### Wifi-5g-fcc-1-ac20-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5180.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5200.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5240.000        | 20.0                | 20.000000               | PASS   |

### Wifi-5g-fcc-1-ac40-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5190.000        | 20.0                | 40.000000               | PASS   |
| Tx Spurious Emission | 5230.000        | 20.0                | 40.000000               | PASS   |

### Wifi-5g-fcc-1-ac80-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5210.000        | 20.0                | 80.000000               | PASS   |

### Wifi-5g-fcc-1-a-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5180.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5200.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5240.000        | 20.0                | 20.000000               | PASS   |

### Wifi-5g-fcc-1-n20-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5180.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5200.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5240.000        | 20.0                | 20.000000               | PASS   |

### Wifi-5g-fcc-1-n40-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5190.000        | 20.0                | 40.000000               | PASS   |
| Tx Spurious Emission | 5230.000        | 20.0                | 40.000000               | PASS   |

**ac20****Tx Spurious Emission (5180 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

**Final measurements**

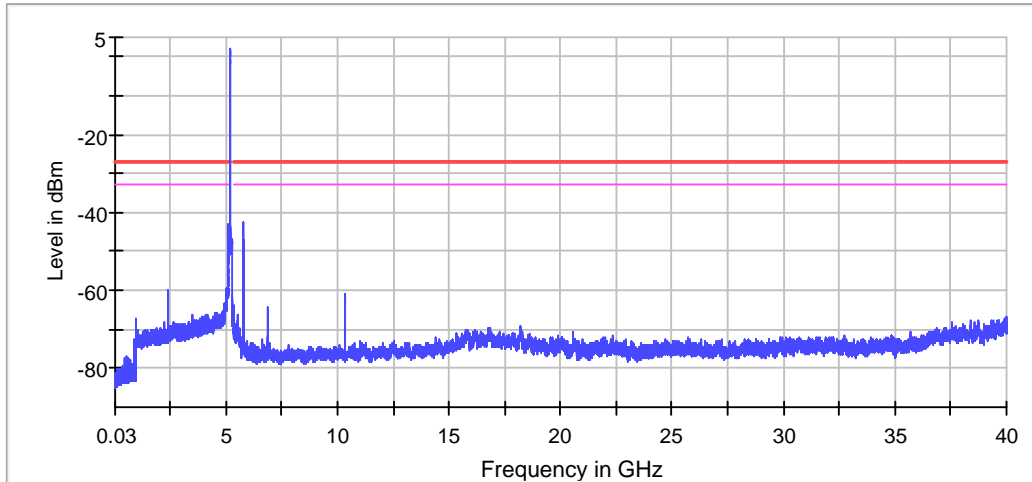
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5748.500000     | -42.3       | 15.3        | -27.0       |
| 5140.500000     | -43.2       | 16.2        | -27.0       |
| 5749.500000     | -43.4       | 16.4        | -27.0       |
| 5747.500000     | -43.9       | 16.9        | -27.0       |
| 5750.500000     | -44.0       | 17.0        | -27.0       |
| 5751.500000     | -45.6       | 18.6        | -27.0       |
| 5746.500000     | -46.4       | 19.4        | -27.0       |
| 5745.500000     | -46.9       | 19.9        | -27.0       |
| 5742.500000     | -46.9       | 19.9        | -27.0       |
| 5739.500000     | -47.8       | 20.8        | -27.0       |
| 5741.500000     | -48.0       | 21.0        | -27.0       |
| 5752.500000     | -48.7       | 21.7        | -27.0       |
| 5740.500000     | -49.2       | 22.2        | -27.0       |
| 5142.500000     | -49.2       | 22.2        | -27.0       |
| 5147.500000     | -49.4       | 22.4        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 57 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 4 / max. 150     | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5200 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |

### Final measurements

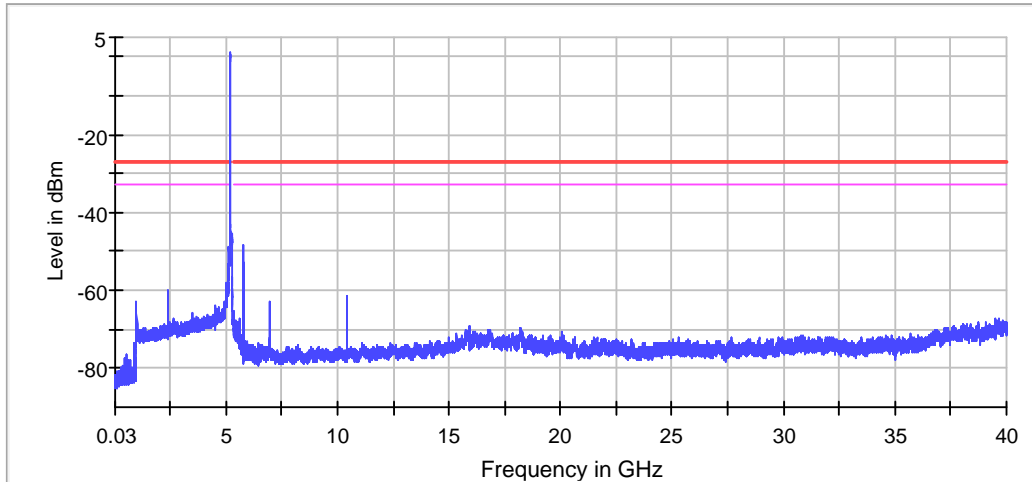
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5148.500000     | -48.4       | 21.4        | -27.0       |
| 5738.500000     | -48.4       | 21.4        | -27.0       |
| 5149.500000     | -48.4       | 21.4        | -27.0       |
| 5737.500000     | -48.8       | 21.8        | -27.0       |
| 5141.500000     | -48.9       | 21.9        | -27.0       |
| 5140.500000     | -49.9       | 22.9        | -27.0       |
| 5145.500000     | -51.8       | 24.8        | -27.0       |
| 5753.500000     | -52.8       | 25.8        | -27.0       |
| 5146.500000     | -52.8       | 25.8        | -27.0       |
| 5142.500000     | -53.2       | 26.2        | -27.0       |
| 5139.500000     | -53.3       | 26.3        | -27.0       |
| 5147.500000     | -53.3       | 26.3        | -27.0       |
| 5135.500000     | -53.3       | 26.3        | -27.0       |
| 5144.500000     | -53.5       | 26.5        | -27.0       |
| 5138.500000     | -53.6       | 26.6        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 39 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.27 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 16 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5240 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

### Final measurements

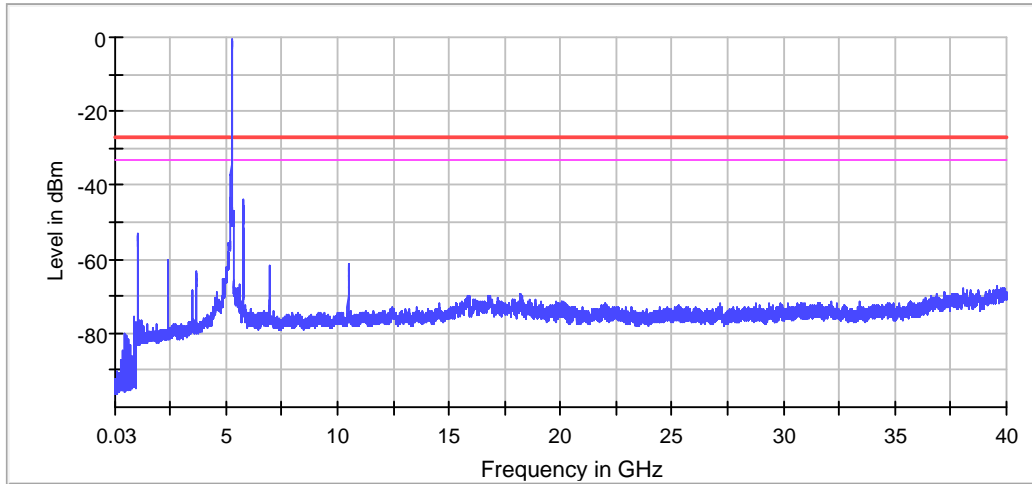
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5749.500000     | -43.8       | 16.8        | -27.0       |
| 5750.500000     | -43.9       | 16.9        | -27.0       |
| 5748.500000     | -44.9       | 17.9        | -27.0       |
| 5742.500000     | -45.6       | 18.6        | -27.0       |
| 5741.500000     | -45.9       | 18.9        | -27.0       |
| 5743.500000     | -46.1       | 19.1        | -27.0       |
| 5744.500000     | -47.1       | 20.1        | -27.0       |
| 5746.500000     | -47.7       | 20.7        | -27.0       |
| 5737.500000     | -47.8       | 20.8        | -27.0       |
| 5736.500000     | -47.9       | 20.9        | -27.0       |
| 5745.500000     | -48.1       | 21.1        | -27.0       |
| 5747.500000     | -48.1       | 21.1        | -27.0       |
| 5738.500000     | -48.8       | 21.8        | -27.0       |
| 5751.500000     | -49.0       | 22.0        | -27.0       |
| 5752.500000     | -49.4       | 22.4        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 9 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 34 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**ac40****Tx Spurious Emission (5190 MHz; 20.000 dBm; 40 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5190.000000         | PASS   |

**Final measurements**

| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

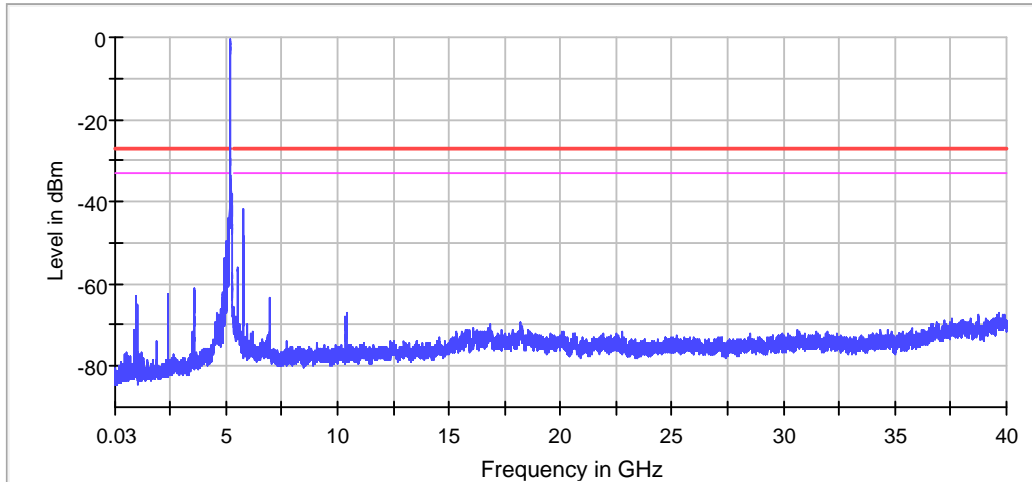
**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5149.500000     | -33.4       | 6.4         | -27.0       |
| 5142.500000     | -40.9       | 13.9        | -27.0       |
| 5144.500000     | -41.7       | 14.7        | -27.0       |
| 5743.500000     | -41.9       | 14.9        | -27.0       |
| 5146.500000     | -42.4       | 15.4        | -27.0       |
| 5744.500000     | -43.4       | 16.4        | -27.0       |
| 5084.500000     | -44.2       | 17.2        | -27.0       |
| 5137.500000     | -44.2       | 17.2        | -27.0       |
| 5125.500000     | -44.6       | 17.6        | -27.0       |
| 5126.500000     | -44.7       | 17.7        | -27.0       |
| 5147.500000     | -45.2       | 18.2        | -27.0       |
| 5085.500000     | -45.4       | 18.4        | -27.0       |
| 5148.500000     | -45.6       | 18.6        | -27.0       |
| 5143.500000     | -45.9       | 18.9        | -27.0       |
| 5113.500000     | -46.1       | 19.1        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |





— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 82 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.10 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 11 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**Tx Spurious Emission (5230 MHz; 20.000 dBm; 40 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5230.000000         | PASS   |

**Final measurements**

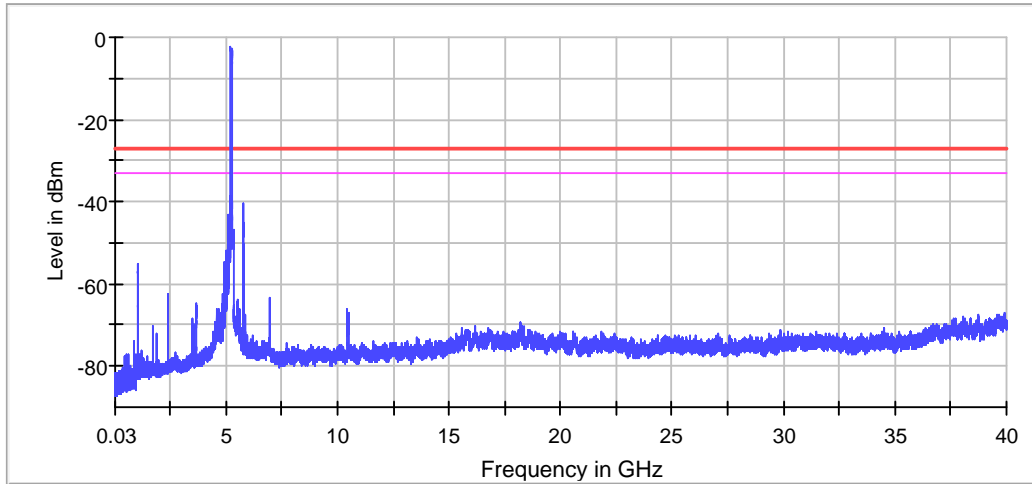
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5742.500000     | -40.4       | 13.4        | -27.0       |
| 5743.500000     | -40.7       | 13.7        | -27.0       |
| 5146.500000     | -43.2       | 16.2        | -27.0       |
| 5137.500000     | -43.3       | 16.3        | -27.0       |
| 5136.500000     | -43.6       | 16.6        | -27.0       |
| 5143.500000     | -43.9       | 16.9        | -27.0       |
| 5133.500000     | -44.3       | 17.3        | -27.0       |
| 5748.500000     | -44.8       | 17.8        | -27.0       |
| 5740.500000     | -45.0       | 18.0        | -27.0       |
| 5749.500000     | -45.1       | 18.1        | -27.0       |
| 5134.500000     | -45.3       | 18.3        | -27.0       |
| 5741.500000     | -45.6       | 18.6        | -27.0       |
| 5128.500000     | -45.9       | 18.9        | -27.0       |
| 5750.500000     | -46.1       | 19.1        | -27.0       |
| 5739.500000     | -46.2       | 19.2        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 23 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**ac80****Tx Spurious Emission (5210 MHz; 20.000 dBm; 80 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5210.000000         | PASS   |

**Final measurements**

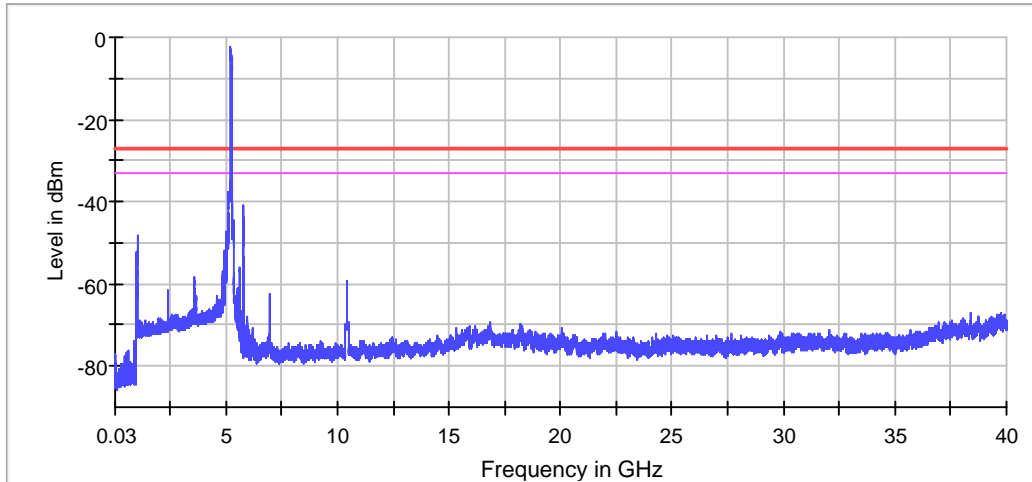
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5149.500000     | -36.1       | 9.1         | -27.0       |
| 5144.500000     | -37.5       | 10.5        | -27.0       |
| 5147.500000     | -37.7       | 10.7        | -27.0       |
| 5141.500000     | -37.8       | 10.8        | -27.0       |
| 5131.500000     | -37.8       | 10.8        | -27.0       |
| 5130.500000     | -37.9       | 10.9        | -27.0       |
| 5140.500000     | -38.1       | 11.1        | -27.0       |
| 5148.500000     | -38.1       | 11.1        | -27.0       |
| 5137.500000     | -38.1       | 11.1        | -27.0       |
| 5138.500000     | -38.1       | 11.1        | -27.0       |
| 5143.500000     | -38.1       | 11.1        | -27.0       |
| 5136.500000     | -38.2       | 11.2        | -27.0       |
| 5135.500000     | -38.2       | 11.2        | -27.0       |
| 5146.500000     | -38.5       | 11.5        | -27.0       |
| 5145.500000     | -38.9       | 11.9        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 19 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 37 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.35 dB          | 0.50 dB      |

**a mode****Tx Spurious Emission (5180 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

**Final measurements**

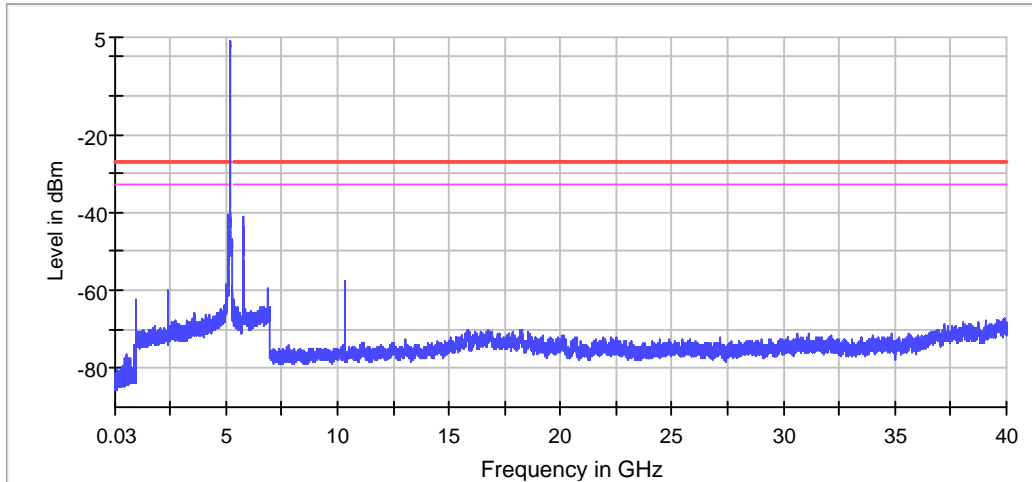
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5139.500000     | -40.7       | 13.7        | -27.0       |
| 5747.500000     | -40.9       | 13.9        | -27.0       |
| 5746.500000     | -41.8       | 14.8        | -27.0       |
| 5748.500000     | -42.1       | 15.1        | -27.0       |
| 5743.500000     | -43.3       | 16.3        | -27.0       |
| 5742.500000     | -43.6       | 16.6        | -27.0       |
| 5751.500000     | -44.9       | 17.9        | -27.0       |
| 5745.500000     | -45.0       | 18.0        | -27.0       |
| 5135.500000     | -45.8       | 18.8        | -27.0       |
| 5750.500000     | -46.0       | 19.0        | -27.0       |
| 5739.500000     | -47.1       | 20.1        | -27.0       |
| 5744.500000     | -47.3       | 20.3        | -27.0       |
| 5146.500000     | -48.7       | 21.7        | -27.0       |
| 5145.500000     | -48.8       | 21.8        | -27.0       |
| 5740.500000     | -48.8       | 21.8        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 30 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.21 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 4 / max. 150     | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**Tx Spurious Emission (5200 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |

**Final measurements**

| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

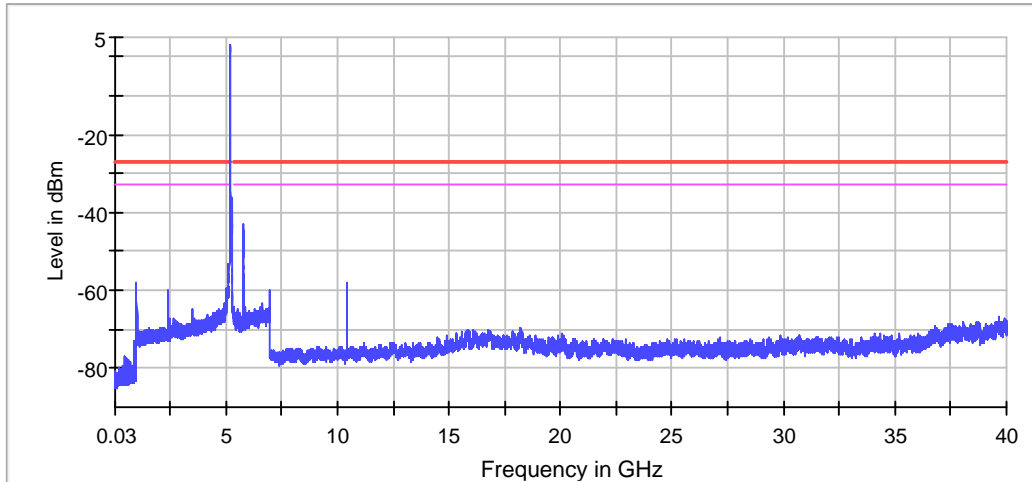
**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5741.500000     | -43.1       | 16.1        | -27.0       |
| 5742.500000     | -43.7       | 16.7        | -27.0       |
| 5747.500000     | -44.2       | 17.2        | -27.0       |
| 5740.500000     | -44.4       | 17.4        | -27.0       |
| 5749.500000     | -44.5       | 17.5        | -27.0       |
| 5748.500000     | -44.6       | 17.6        | -27.0       |
| 5750.500000     | -45.0       | 18.0        | -27.0       |
| 5746.500000     | -45.7       | 18.7        | -27.0       |
| 5751.500000     | -46.7       | 19.7        | -27.0       |
| 5739.500000     | -46.8       | 19.8        | -27.0       |
| 5146.500000     | -48.7       | 21.7        | -27.0       |
| 5145.500000     | -48.8       | 21.8        | -27.0       |
| 5744.500000     | -50.1       | 23.1        | -27.0       |
| 5745.500000     | -51.3       | 24.3        | -27.0       |
| 5149.500000     | -51.4       | 24.4        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |





— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 36 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.34 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 7 / max. 150     | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5240 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

### Final measurements

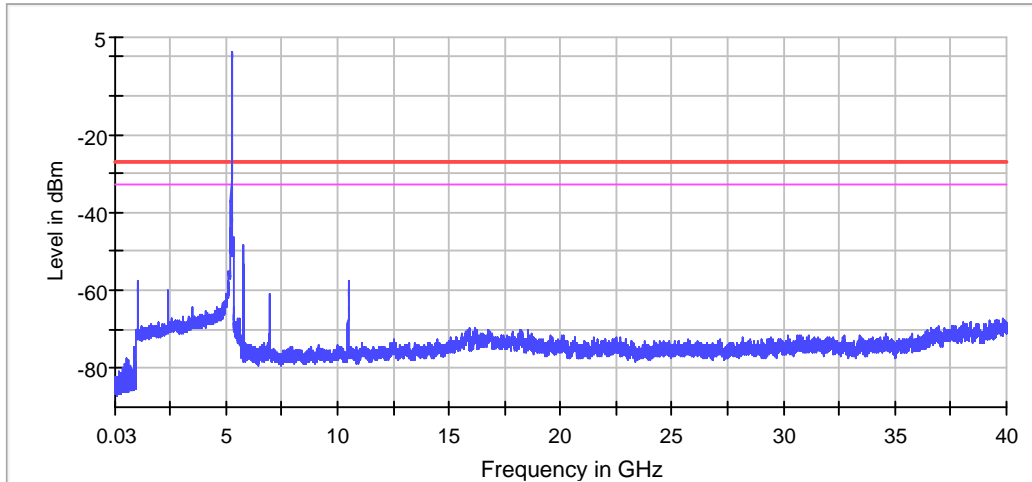
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5749.500000     | -48.2       | 21.2        | -27.0       |
| 5748.500000     | -50.2       | 23.2        | -27.0       |
| 5747.500000     | -51.4       | 24.4        | -27.0       |
| 5750.500000     | -51.5       | 24.5        | -27.0       |
| 5743.500000     | -52.9       | 25.9        | -27.0       |
| 5741.500000     | -53.0       | 26.0        | -27.0       |
| 5742.500000     | -53.1       | 26.1        | -27.0       |
| 5739.500000     | -53.4       | 26.4        | -27.0       |
| 5740.500000     | -53.4       | 26.4        | -27.0       |
| 5746.500000     | -53.7       | 26.7        | -27.0       |
| 5744.500000     | -54.2       | 27.2        | -27.0       |
| 5142.500000     | -55.0       | 28.0        | -27.0       |
| 5138.500000     | -55.2       | 28.2        | -27.0       |
| 5751.500000     | -55.3       | 28.3        | -27.0       |
| 5139.500000     | -55.7       | 28.7        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 53 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**n20****Tx Spurious Emission (5180 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5180.000000         | PASS   |

**Final measurements**

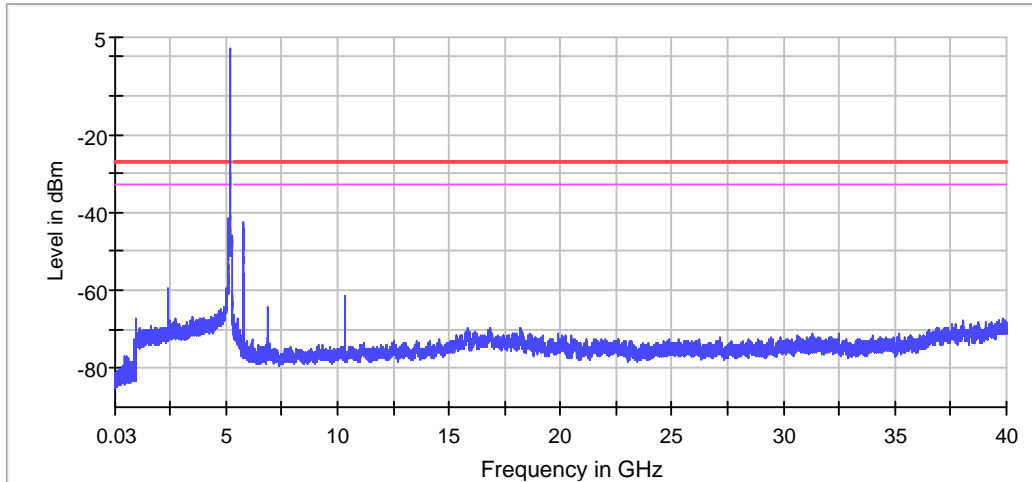
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5135.500000     | -41.4       | 14.4        | -27.0       |
| 5747.500000     | -42.7       | 15.7        | -27.0       |
| 5748.500000     | -43.0       | 16.0        | -27.0       |
| 5742.500000     | -44.2       | 17.2        | -27.0       |
| 5741.500000     | -44.3       | 17.3        | -27.0       |
| 5746.500000     | -44.4       | 17.4        | -27.0       |
| 5134.500000     | -44.6       | 17.6        | -27.0       |
| 5745.500000     | -45.9       | 18.9        | -27.0       |
| 5749.500000     | -48.1       | 21.1        | -27.0       |
| 5750.500000     | -48.2       | 21.2        | -27.0       |
| 5136.500000     | -48.5       | 21.5        | -27.0       |
| 5137.500000     | -48.6       | 21.6        | -27.0       |
| 5141.500000     | -49.0       | 22.0        | -27.0       |
| 5744.500000     | -49.0       | 22.0        | -27.0       |
| 5147.500000     | -49.2       | 22.2        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 59 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.32 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 5 / max. 150     | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5200 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5200.000000         | PASS   |

### Final measurements

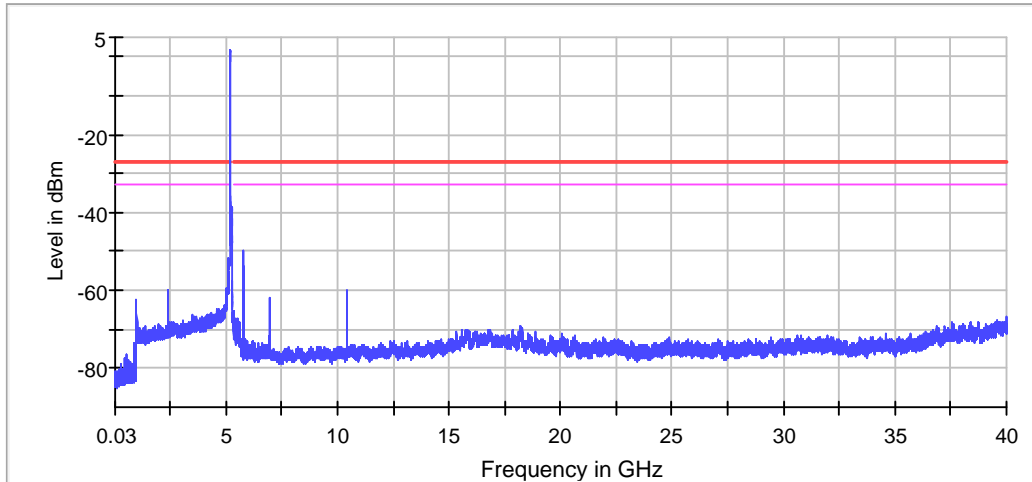
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5149.500000     | -46.6       | 19.6        | -27.0       |
| 5737.500000     | -49.5       | 22.5        | -27.0       |
| 5148.500000     | -51.6       | 24.6        | -27.0       |
| 5736.500000     | -51.7       | 24.7        | -27.0       |
| 5136.500000     | -51.8       | 24.8        | -27.0       |
| 5738.500000     | -51.9       | 24.9        | -27.0       |
| 5147.500000     | -52.6       | 25.6        | -27.0       |
| 5146.500000     | -52.7       | 25.7        | -27.0       |
| 5145.500000     | -53.1       | 26.1        | -27.0       |
| 5144.500000     | -53.2       | 26.2        | -27.0       |
| 5143.500000     | -53.2       | 26.2        | -27.0       |
| 5142.500000     | -53.7       | 26.7        | -27.0       |
| 5141.500000     | -53.8       | 26.8        | -27.0       |
| 5757.500000     | -53.8       | 26.8        | -27.0       |
| 5133.500000     | -53.8       | 26.8        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 44 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 14 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5240 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5240.000000         | PASS   |

### Final measurements

| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

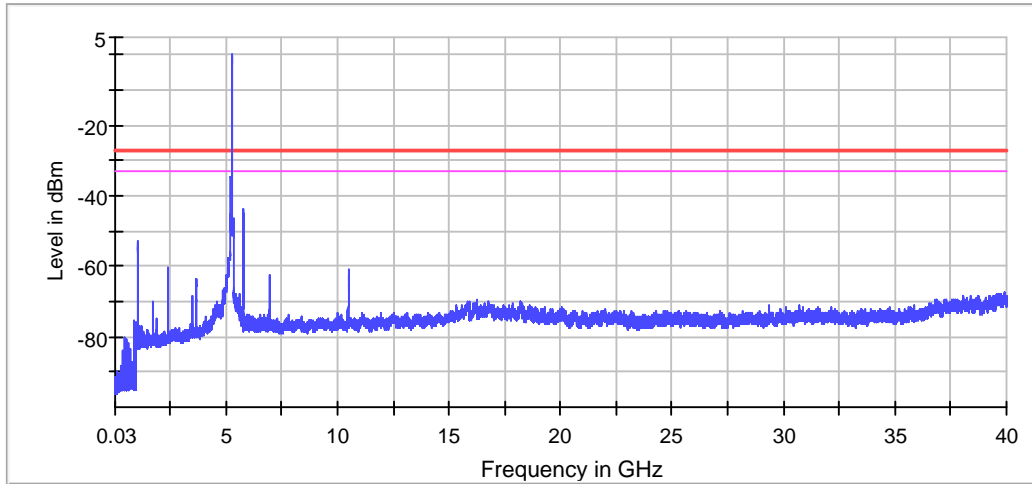
### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5743.500000     | -43.6       | 16.6        | -27.0       |
| 5742.500000     | -43.7       | 16.7        | -27.0       |
| 5741.500000     | -43.8       | 16.8        | -27.0       |
| 5746.500000     | -44.8       | 17.8        | -27.0       |
| 5747.500000     | -46.7       | 19.7        | -27.0       |
| 5750.500000     | -47.0       | 20.0        | -27.0       |
| 5751.500000     | -47.1       | 20.1        | -27.0       |
| 5745.500000     | -47.6       | 20.6        | -27.0       |
| 5744.500000     | -48.5       | 21.5        | -27.0       |
| 5748.500000     | -48.9       | 21.9        | -27.0       |
| 5739.500000     | -51.2       | 24.2        | -27.0       |
| 5753.500000     | -51.5       | 24.5        | -27.0       |
| 5740.500000     | -51.5       | 24.5        | -27.0       |
| 5749.500000     | -51.7       | 24.7        | -27.0       |
| 1034.500000     | -53.1       | 26.1        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |





— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 10 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 20 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.49 dB          | 0.50 dB      |

**n40****Tx Spurious Emission (5190 MHz; 20.000 dBm; 40 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5190.000000         | PASS   |

**Final measurements**

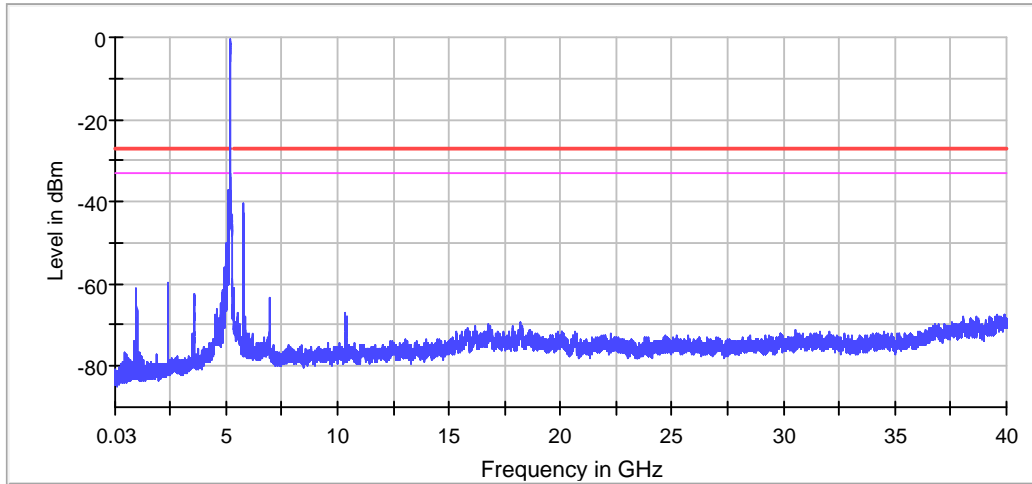
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5148.500000     | -33.1       | 6.1         | -27.0       |
| 5134.500000     | -37.3       | 10.3        | -27.0       |
| 5149.500000     | -40.3       | 13.3        | -27.0       |
| 5747.500000     | -40.6       | 13.6        | -27.0       |
| 5746.500000     | -41.5       | 14.5        | -27.0       |
| 5143.500000     | -41.5       | 14.5        | -27.0       |
| 5133.500000     | -42.5       | 15.5        | -27.0       |
| 5743.500000     | -42.7       | 15.7        | -27.0       |
| 5742.500000     | -43.0       | 16.0        | -27.0       |
| 5147.500000     | -43.6       | 16.6        | -27.0       |
| 5748.500000     | -44.0       | 17.0        | -27.0       |
| 5751.500000     | -44.8       | 17.8        | -27.0       |
| 5146.500000     | -45.3       | 18.3        | -27.0       |
| 5750.500000     | -45.9       | 18.9        | -27.0       |
| 5144.500000     | -46.2       | 19.2        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 58 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.47 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 12 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5230 MHz; 20.000 dBm; 40 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5230.000000         | PASS   |

### Final measurements

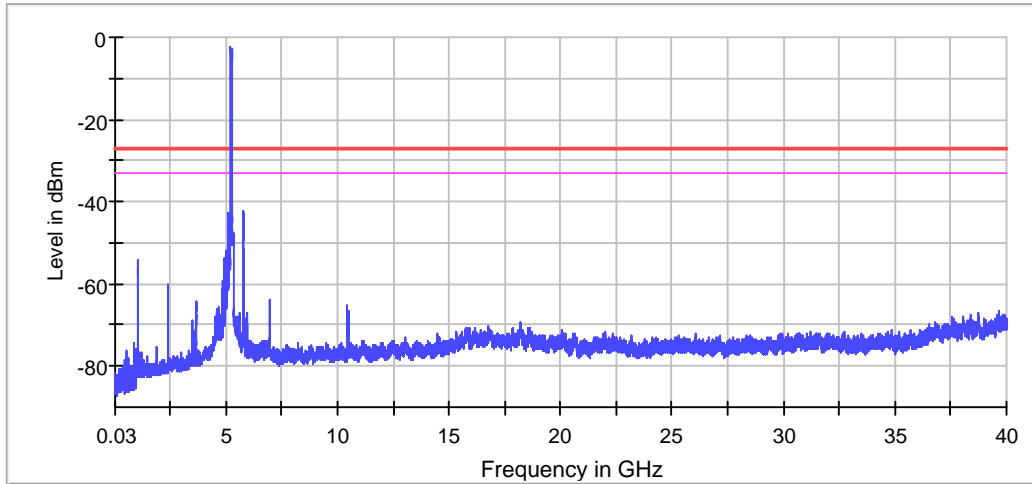
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5747.500000     | -42.5       | 15.5        | -27.0       |
| 5748.500000     | -42.5       | 15.5        | -27.0       |
| 5742.500000     | -42.7       | 15.7        | -27.0       |
| 5140.500000     | -42.8       | 15.8        | -27.0       |
| 5750.500000     | -42.9       | 15.9        | -27.0       |
| 5743.500000     | -43.2       | 16.2        | -27.0       |
| 5149.500000     | -43.4       | 16.4        | -27.0       |
| 5749.500000     | -43.6       | 16.6        | -27.0       |
| 5744.500000     | -44.4       | 17.4        | -27.0       |
| 5741.500000     | -45.1       | 18.1        | -27.0       |
| 5746.500000     | -45.4       | 18.4        | -27.0       |
| 5137.500000     | -45.5       | 18.5        | -27.0       |
| 5123.500000     | -45.8       | 18.8        | -27.0       |
| 5125.500000     | -45.9       | 18.9        | -27.0       |
| 5111.500000     | -46.0       | 19.0        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 37 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Summary

### Wifi-5g-fcc-3-a-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5745.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5785.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5825.000        | 20.0                | 20.000000               | PASS   |

### Wifi-5g-fcc-3-n20-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5745.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5785.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5825.000        | 20.0                | 20.000000               | PASS   |

### Wifi-5g-fcc-3-n40-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5755.000        | 20.0                | 40.000000               | PASS   |
| Tx Spurious Emission | 5795.000        | 20.0                | 40.000000               | PASS   |

### Wifi-5g-fcc-3-ac20-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5745.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5785.000        | 20.0                | 20.000000               | PASS   |
| Tx Spurious Emission | 5825.000        | 20.0                | 20.000000               | PASS   |

### Wifi-5g-fcc-3-ac40-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5755.000        | 20.0                | 40.000000               | PASS   |
| Tx Spurious Emission | 5795.000        | 20.0                | 40.000000               | PASS   |

### Wifi-5g-fcc-3-ac80-spurious

| Test                 | Frequency (MHz) | Nominal Power (dBm) | Nominal Bandwidth (MHz) | Result |
|----------------------|-----------------|---------------------|-------------------------|--------|
| Tx Spurious Emission | 5775.000        | 20.0                | 80.000000               | PASS   |

**a mode****Tx Spurious Emission (5745 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5745.000000         | PASS   |

**Final measurements**

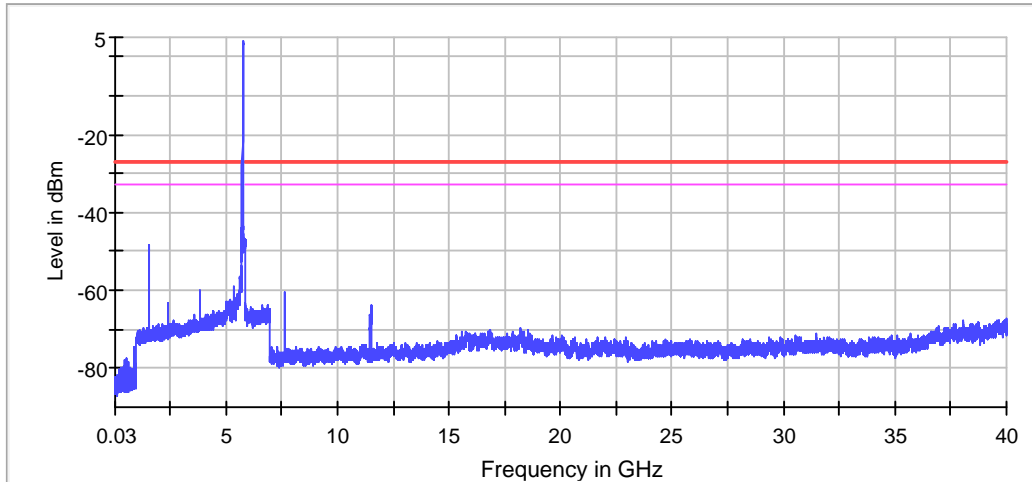
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5706.500000     | -44.1       | 17.1        | -27.0       |
| 5707.500000     | -44.2       | 17.2        | -27.0       |
| 5705.500000     | -44.5       | 17.5        | -27.0       |
| 5710.500000     | -44.7       | 17.7        | -27.0       |
| 5708.500000     | -44.9       | 17.9        | -27.0       |
| 5709.500000     | -45.6       | 18.6        | -27.0       |
| 5704.500000     | -46.8       | 19.8        | -27.0       |
| 5700.500000     | -47.1       | 20.1        | -27.0       |
| 5699.500000     | -47.2       | 20.2        | -27.0       |
| 5701.500000     | -47.6       | 20.6        | -27.0       |
| 5702.500000     | -47.8       | 20.8        | -27.0       |
| 5722.500000     | -48.1       | 21.1        | -27.0       |
| 1541.500000     | -48.2       | 21.2        | -27.0       |
| 5724.500000     | -48.2       | 21.2        | -27.0       |
| 1542.500000     | -48.4       | 21.4        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 12 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |



## Tx Spurious Emission (5785 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5785.000000         | PASS   |

### Final measurements

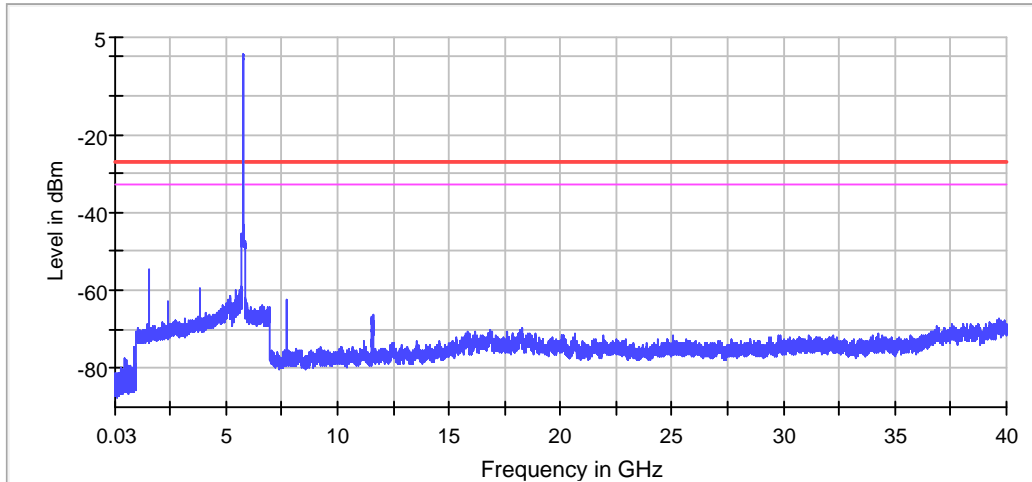
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1579.500000     | -54.5       | 27.5        | -27.0       |
| 1580.500000     | -55.5       | 28.5        | -27.0       |
| 1581.500000     | -55.7       | 28.7        | -27.0       |
| 1582.500000     | -56.8       | 29.8        | -27.0       |
| 1583.500000     | -56.9       | 29.9        | -27.0       |
| 1578.500000     | -56.9       | 29.9        | -27.0       |
| 1576.500000     | -56.9       | 29.9        | -27.0       |
| 1577.500000     | -57.1       | 30.1        | -27.0       |
| 1584.500000     | -57.7       | 30.7        | -27.0       |
| 1575.500000     | -57.7       | 30.7        | -27.0       |
| 1585.500000     | -58.6       | 31.6        | -27.0       |
| 1586.500000     | -58.9       | 31.9        | -27.0       |
| 5721.500000     | -59.2       | 32.2        | -27.0       |
| 3857.500000     | -59.4       | 32.4        | -27.0       |
| 5717.500000     | -59.4       | 32.4        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 4 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 15 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5825 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5825.000000         | PASS   |

### Final measurements

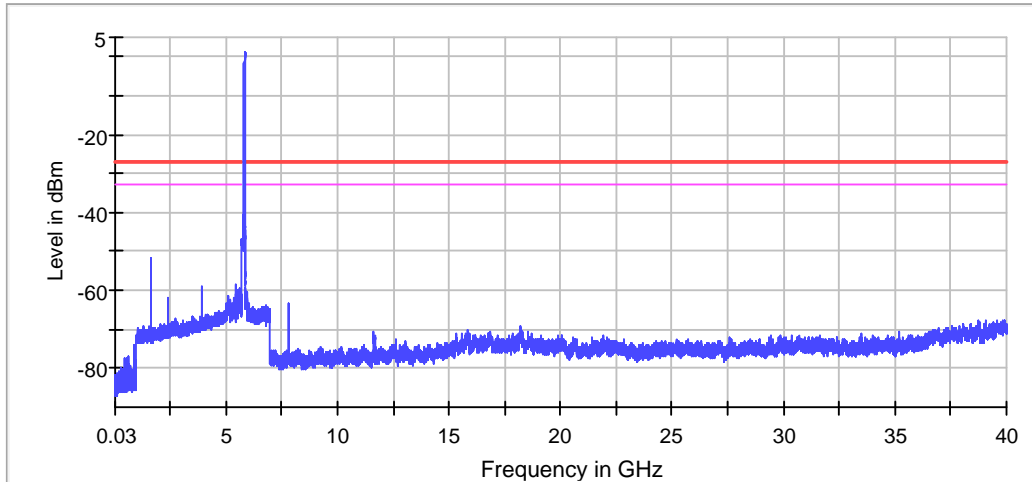
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5853.500000     | -44.4       | 17.4        | -27.0       |
| 5850.500000     | -51.6       | 24.6        | -27.0       |
| 1622.500000     | -51.7       | 24.7        | -27.0       |
| 1621.500000     | -51.8       | 24.8        | -27.0       |
| 1620.500000     | -52.3       | 25.3        | -27.0       |
| 1618.500000     | -52.6       | 25.6        | -27.0       |
| 5852.500000     | -52.8       | 25.8        | -27.0       |
| 1623.500000     | -52.9       | 25.9        | -27.0       |
| 1619.500000     | -52.9       | 25.9        | -27.0       |
| 1616.500000     | -54.5       | 27.5        | -27.0       |
| 1617.500000     | -54.9       | 27.9        | -27.0       |
| 5858.500000     | -55.0       | 28.0        | -27.0       |
| 5857.500000     | -55.2       | 28.2        | -27.0       |
| 5851.500000     | -55.6       | 28.6        | -27.0       |
| 5855.500000     | -55.7       | 28.7        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 14 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**n20****Tx Spurious Emission (5745 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5745.000000         | PASS   |

**Final measurements**

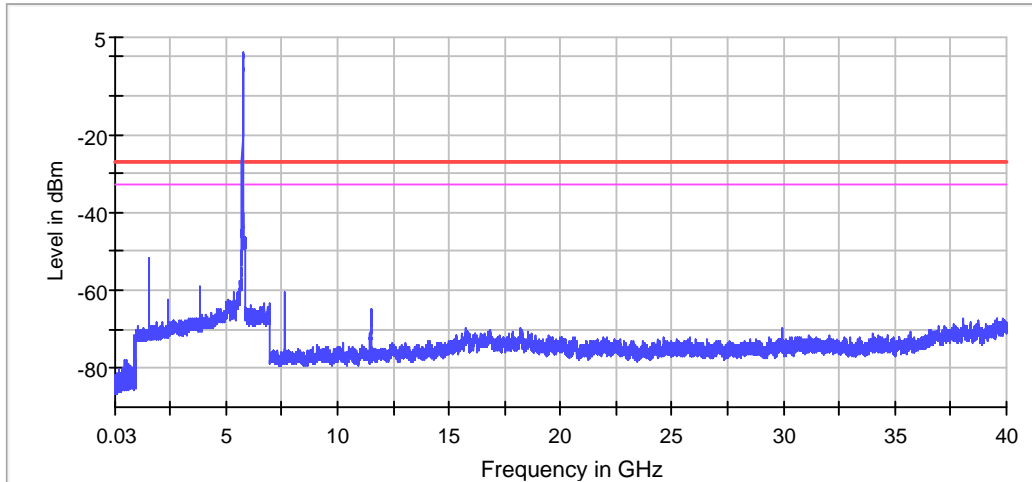
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5720.500000     | -49.8       | 22.8        | -27.0       |
| 5722.500000     | -49.9       | 22.9        | -27.0       |
| 5716.500000     | -49.9       | 22.9        | -27.0       |
| 5724.500000     | -50.0       | 23.0        | -27.0       |
| 5721.500000     | -50.3       | 23.3        | -27.0       |
| 5713.500000     | -50.3       | 23.3        | -27.0       |
| 5714.500000     | -50.3       | 23.3        | -27.0       |
| 5723.500000     | -50.5       | 23.5        | -27.0       |
| 5718.500000     | -50.6       | 23.6        | -27.0       |
| 5719.500000     | -50.8       | 23.8        | -27.0       |
| 5715.500000     | -51.3       | 24.3        | -27.0       |
| 5711.500000     | -51.4       | 24.4        | -27.0       |
| 1539.500000     | -51.8       | 24.8        | -27.0       |
| 5710.500000     | -51.8       | 24.8        | -27.0       |
| 5712.500000     | -51.9       | 24.9        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 7 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 21 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5785 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5785.000000         | PASS   |

### Final measurements

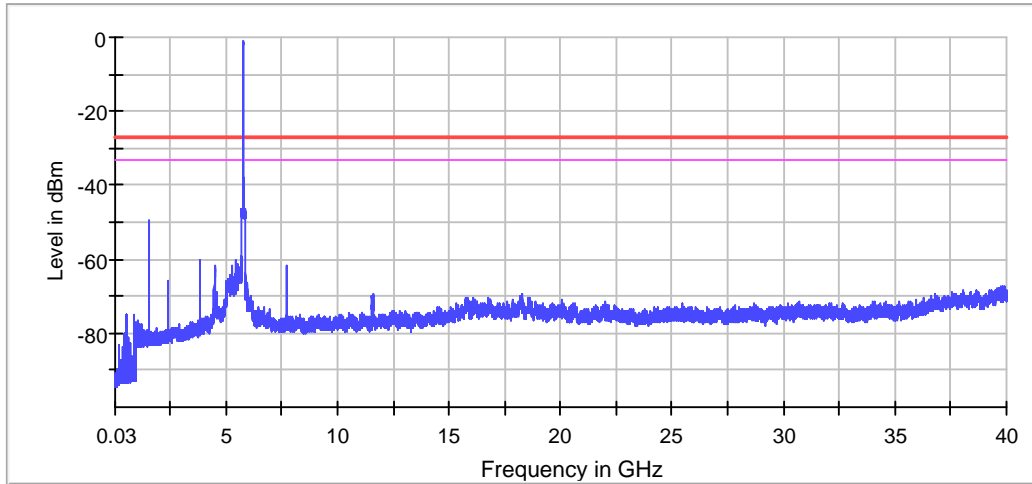
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1582.500000     | -49.7       | 22.7        | -27.0       |
| 1580.500000     | -49.8       | 22.8        | -27.0       |
| 1581.500000     | -50.6       | 23.6        | -27.0       |
| 1583.500000     | -50.8       | 23.8        | -27.0       |
| 1585.500000     | -50.9       | 23.9        | -27.0       |
| 1578.500000     | -51.3       | 24.3        | -27.0       |
| 1584.500000     | -51.4       | 24.4        | -27.0       |
| 1579.500000     | -51.6       | 24.6        | -27.0       |
| 1577.500000     | -52.1       | 25.1        | -27.0       |
| 1576.500000     | -52.6       | 25.6        | -27.0       |
| 1575.500000     | -53.7       | 26.7        | -27.0       |
| 1574.500000     | -53.9       | 26.9        | -27.0       |
| 1586.500000     | -55.9       | 28.9        | -27.0       |
| 1587.500000     | -56.5       | 29.5        | -27.0       |
| 1573.500000     | -57.4       | 30.4        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 104 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 11 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.37 dB          | 0.50 dB      |



## Tx Spurious Emission (5825 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5825.000000         | PASS   |

### Final measurements

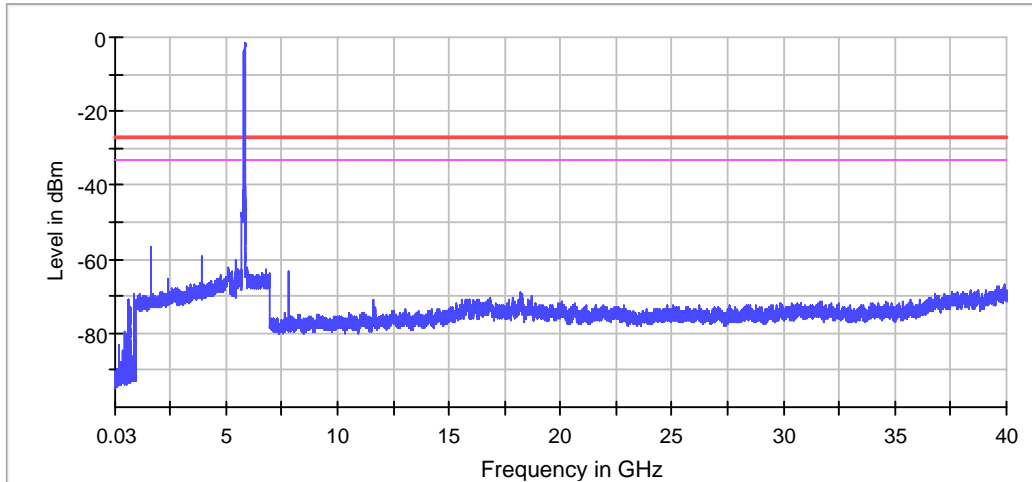
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5855.500000     | -40.6       | 13.6        | -27.0       |
| 5858.500000     | -43.4       | 16.4        | -27.0       |
| 5861.500000     | -44.2       | 17.2        | -27.0       |
| 5852.500000     | -46.0       | 19.0        | -27.0       |
| 5854.500000     | -46.1       | 19.1        | -27.0       |
| 5862.500000     | -50.4       | 23.4        | -27.0       |
| 5851.500000     | -52.2       | 25.2        | -27.0       |
| 5850.500000     | -54.0       | 27.0        | -27.0       |
| 5857.500000     | -54.5       | 27.5        | -27.0       |
| 5853.500000     | -54.7       | 27.7        | -27.0       |
| 5880.500000     | -55.3       | 28.3        | -27.0       |
| 5856.500000     | -55.5       | 28.5        | -27.0       |
| 5859.500000     | -55.8       | 28.8        | -27.0       |
| 5860.500000     | -56.0       | 29.0        | -27.0       |
| 5863.500000     | -56.1       | 29.1        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 78 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 11 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**n40****Tx Spurious Emission (5755 MHz; 20.000 dBm; 40 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5755.000000         | PASS   |

**Final measurements**

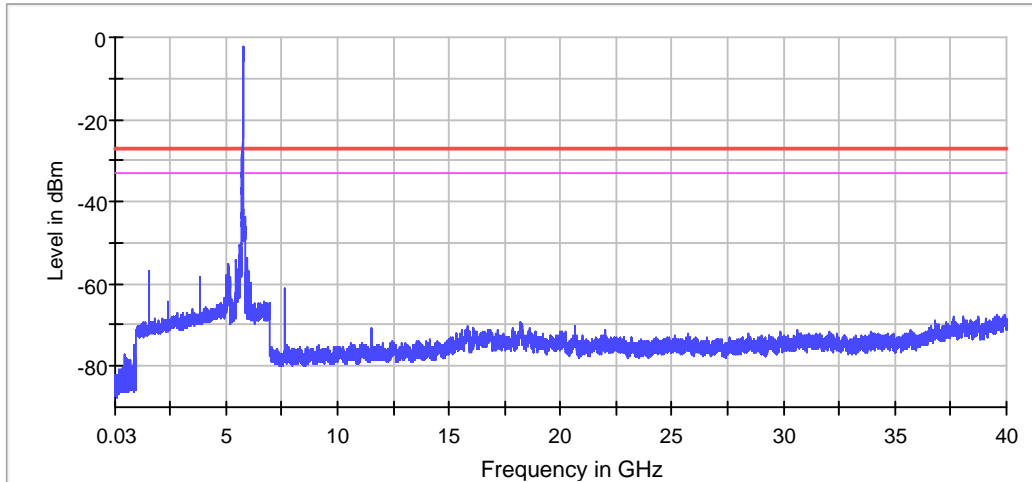
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5724.500000     | -42.7       | 15.7        | -27.0       |
| 5720.500000     | -42.9       | 15.9        | -27.0       |
| 5721.500000     | -43.0       | 16.0        | -27.0       |
| 5719.500000     | -43.2       | 16.2        | -27.0       |
| 5722.500000     | -44.0       | 17.0        | -27.0       |
| 5723.500000     | -44.1       | 17.1        | -27.0       |
| 5718.500000     | -44.4       | 17.4        | -27.0       |
| 5713.500000     | -44.8       | 17.8        | -27.0       |
| 5714.500000     | -44.9       | 17.9        | -27.0       |
| 5717.500000     | -45.4       | 18.4        | -27.0       |
| 5712.500000     | -45.4       | 18.4        | -27.0       |
| 5715.500000     | -45.5       | 18.5        | -27.0       |
| 5716.500000     | -45.8       | 18.8        | -27.0       |
| 5711.500000     | -46.6       | 19.6        | -27.0       |
| 5709.500000     | -48.9       | 21.9        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 4 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 42 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.12 dB          | 0.50 dB      |

## Tx Spurious Emission (5795 MHz; 20.000 dBm; 40 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5795.000000         | PASS   |

### Final measurements

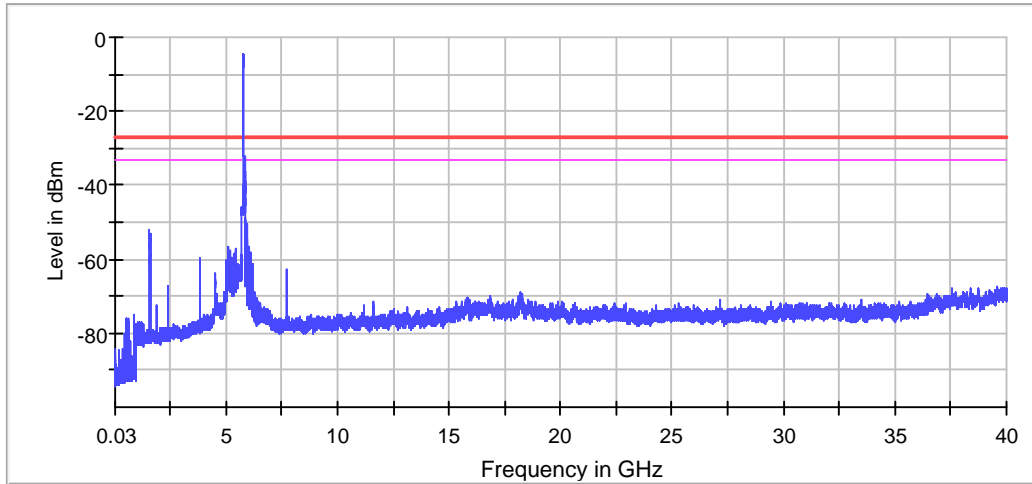
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5889.500000     | -49.1       | 22.1        | -27.0       |
| 5879.500000     | -49.6       | 22.6        | -27.0       |
| 5850.500000     | -49.9       | 22.9        | -27.0       |
| 5851.500000     | -49.9       | 22.9        | -27.0       |
| 5882.500000     | -50.0       | 23.0        | -27.0       |
| 5914.500000     | -50.3       | 23.3        | -27.0       |
| 5913.500000     | -50.3       | 23.3        | -27.0       |
| 5878.500000     | -50.6       | 23.6        | -27.0       |
| 5890.500000     | -50.8       | 23.8        | -27.0       |
| 5863.500000     | -51.7       | 24.7        | -27.0       |
| 1590.500000     | -52.1       | 25.1        | -27.0       |
| 1591.500000     | -52.4       | 25.4        | -27.0       |
| 5860.500000     | -52.8       | 25.8        | -27.0       |
| 5864.500000     | -53.0       | 26.0        | -27.0       |
| 1593.500000     | -53.1       | 26.1        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 142 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.20 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 21 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.01 dB          | 0.50 dB      |

**ac20****Tx Spurious Emission (5745 MHz; 20.000 dBm; 20 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5745.000000         | PASS   |

**Final measurements**

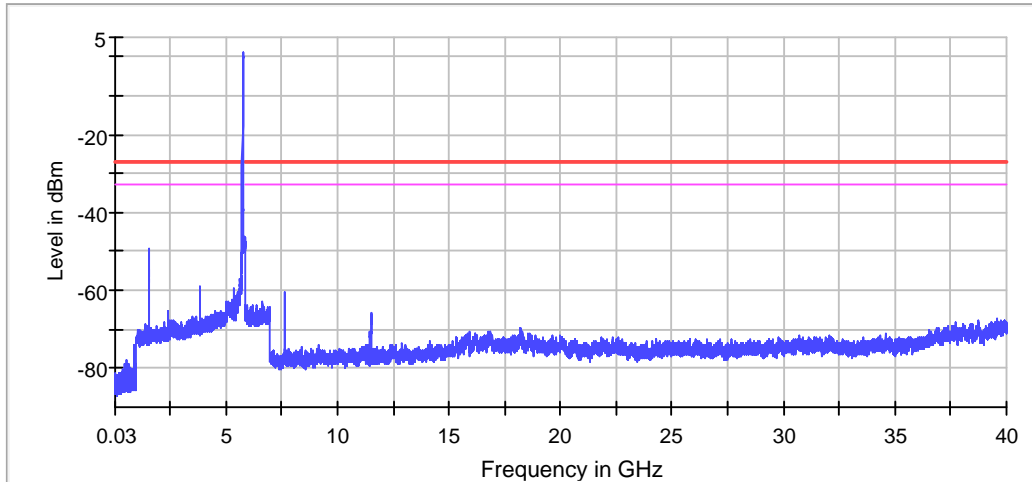
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5724.500000     | -48.5       | 21.5        | -27.0       |
| 1539.500000     | -49.4       | 22.4        | -27.0       |
| 5720.500000     | -50.5       | 23.5        | -27.0       |
| 5714.500000     | -50.8       | 23.8        | -27.0       |
| 5719.500000     | -50.9       | 23.9        | -27.0       |
| 5712.500000     | -51.1       | 24.1        | -27.0       |
| 5721.500000     | -51.1       | 24.1        | -27.0       |
| 5722.500000     | -51.5       | 24.5        | -27.0       |
| 5723.500000     | -51.5       | 24.5        | -27.0       |
| 5717.500000     | -51.9       | 24.9        | -27.0       |
| 5713.500000     | -51.9       | 24.9        | -27.0       |
| 5718.500000     | -52.0       | 25.0        | -27.0       |
| 5711.500000     | -52.0       | 25.0        | -27.0       |
| 5716.500000     | -52.1       | 25.1        | -27.0       |
| 5715.500000     | -52.1       | 25.1        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 7 / max. 150     | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.23 dB          | 0.50 dB      |



## Tx Spurious Emission (5785 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5785.000000         | PASS   |

### Final measurements

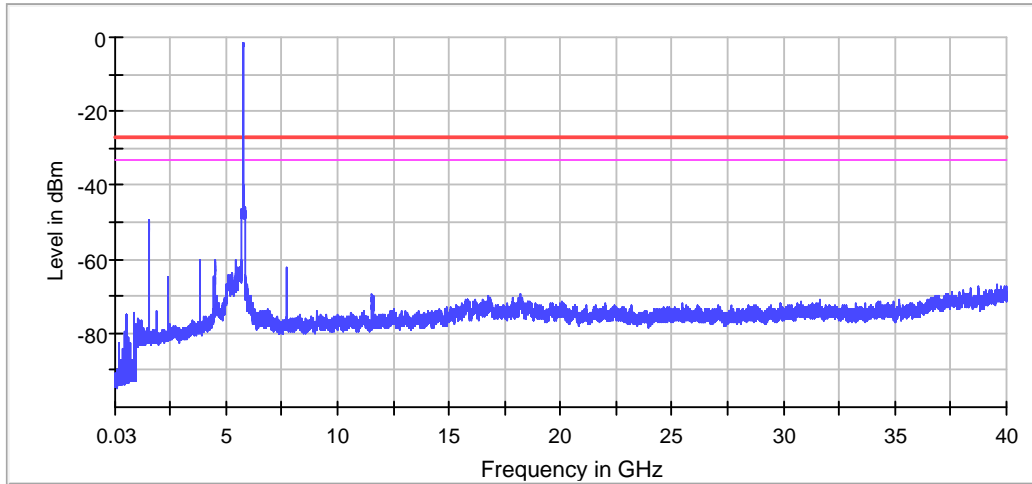
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 1580.500000     | -49.6       | 22.6        | -27.0       |
| 1577.500000     | -49.7       | 22.7        | -27.0       |
| 1582.500000     | -50.5       | 23.5        | -27.0       |
| 1581.500000     | -50.8       | 23.8        | -27.0       |
| 1578.500000     | -50.9       | 23.9        | -27.0       |
| 1585.500000     | -51.5       | 24.5        | -27.0       |
| 1586.500000     | -51.6       | 24.6        | -27.0       |
| 1583.500000     | -51.7       | 24.7        | -27.0       |
| 1579.500000     | -51.8       | 24.8        | -27.0       |
| 1576.500000     | -52.2       | 25.2        | -27.0       |
| 1584.500000     | -52.7       | 25.7        | -27.0       |
| 1575.500000     | -53.9       | 26.9        | -27.0       |
| 1574.500000     | -54.5       | 27.5        | -27.0       |
| 1573.500000     | -55.4       | 28.4        | -27.0       |
| 1587.500000     | -57.6       | 30.6        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 84 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 18 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.15 dB          | 0.50 dB      |

## Tx Spurious Emission (5825 MHz; 20.000 dBm; 20 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5825.000000         | PASS   |

### Final measurements

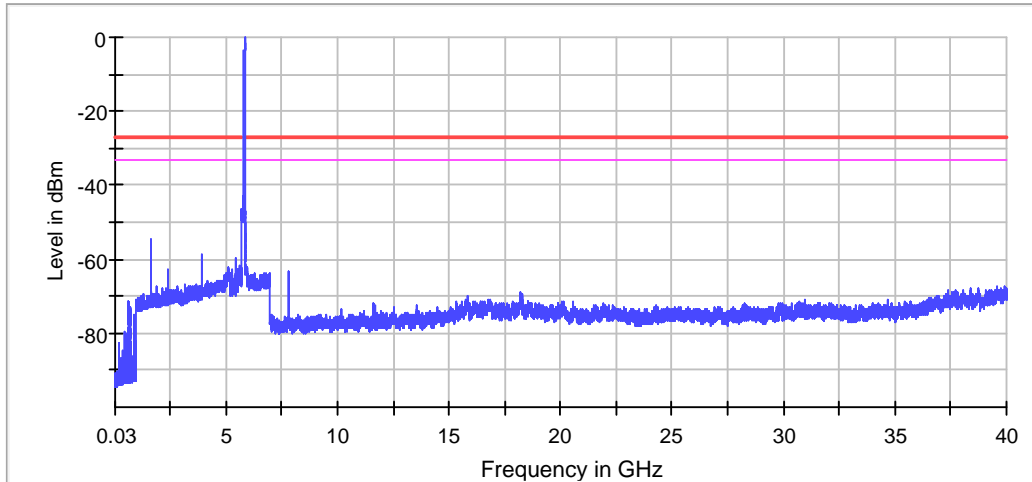
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5861.500000     | -48.7       | 21.7        | -27.0       |
| 5862.500000     | -48.8       | 21.8        | -27.0       |
| 5857.500000     | -50.1       | 23.1        | -27.0       |
| 5856.500000     | -50.3       | 23.3        | -27.0       |
| 5880.500000     | -53.0       | 26.0        | -27.0       |
| 5850.500000     | -53.1       | 26.1        | -27.0       |
| 5851.500000     | -53.2       | 26.2        | -27.0       |
| 5853.500000     | -54.3       | 27.3        | -27.0       |
| 5854.500000     | -54.4       | 27.4        | -27.0       |
| 5881.500000     | -54.5       | 27.5        | -27.0       |
| 5852.500000     | -54.5       | 27.5        | -27.0       |
| 5882.500000     | -54.6       | 27.6        | -27.0       |
| 1617.500000     | -54.8       | 27.8        | -27.0       |
| 5855.500000     | -55.3       | 28.3        | -27.0       |
| 5858.500000     | -55.8       | 28.8        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| Sweeptime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 81 / max. 150    | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.39 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| Sweeptime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 11 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

**ac40****Tx Spurious Emission (5755 MHz; 20.000 dBm; 40 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5755.000000         | PASS   |

**Final measurements**

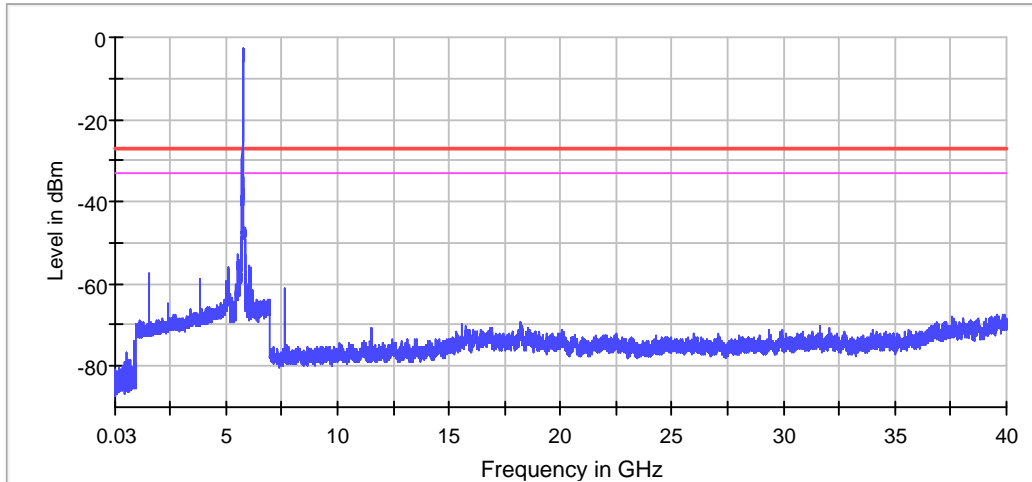
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5723.500000     | -46.6       | 19.6        | -27.0       |
| 5724.500000     | -46.6       | 19.6        | -27.0       |
| 5722.500000     | -47.2       | 20.2        | -27.0       |
| 5719.500000     | -47.3       | 20.3        | -27.0       |
| 5721.500000     | -47.6       | 20.6        | -27.0       |
| 5720.500000     | -47.6       | 20.6        | -27.0       |
| 5718.500000     | -47.7       | 20.7        | -27.0       |
| 5717.500000     | -48.0       | 21.0        | -27.0       |
| 5715.500000     | -48.6       | 21.6        | -27.0       |
| 5714.500000     | -48.7       | 21.7        | -27.0       |
| 5677.500000     | -48.9       | 21.9        | -27.0       |
| 5672.500000     | -48.9       | 21.9        | -27.0       |
| 5673.500000     | -49.0       | 22.0        | -27.0       |
| 5856.500000     | -49.1       | 22.1        | -27.0       |
| 5679.500000     | -49.2       | 22.2        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 5 / max. 150     | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 28 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |

## Tx Spurious Emission (5795 MHz; 20.000 dBm; 40 MHz)

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

### Result

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5795.000000         | PASS   |

### Final measurements

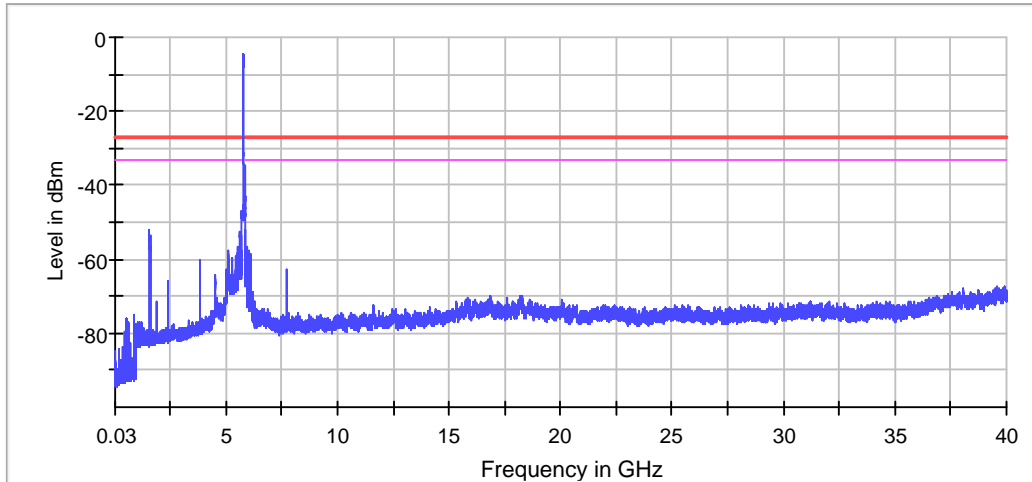
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

### Pre Measurements

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5873.500000     | -51.8       | 24.8        | -27.0       |
| 1590.500000     | -52.1       | 25.1        | -27.0       |
| 5643.500000     | -52.6       | 25.6        | -27.0       |
| 5642.500000     | -52.7       | 25.7        | -27.0       |
| 5644.500000     | -52.9       | 25.9        | -27.0       |
| 5649.500000     | -53.4       | 26.4        | -27.0       |
| 5650.500000     | -53.4       | 26.4        | -27.0       |
| 5641.500000     | -53.5       | 26.5        | -27.0       |
| 1593.500000     | -53.5       | 26.5        | -27.0       |
| 1592.500000     | -53.5       | 26.5        | -27.0       |
| 5648.500000     | -53.5       | 26.5        | -27.0       |
| 5647.500000     | -53.6       | 26.6        | -27.0       |
| 1587.500000     | -53.9       | 26.9        | -27.0       |
| 5653.500000     | -53.9       | 26.9        | -27.0       |
| 5651.500000     | -53.9       | 26.9        | -27.0       |

### Measurement Settings

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -30.000 dBm      | -30.000 dBm    |
| Attenuation           | 0.000 dB         | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 134 / max. 150   | max. 150       |
| Stable                | 3 / 3            | 3              |
| Max Stable Difference | 0.00 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -30.000 dBm      | -30.000 dBm  |
| Attenuation           | 0.000 dB         | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 13 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.32 dB          | 0.50 dB      |



**ac80****Tx Spurious Emission (5775 MHz; 20.000 dBm; 80 MHz)**

Customized settings.

Test according to FCC title 47 part 15 §15.407(b), KDB 789033 D02 General U-NII Test Procedures New Rules v01r03 and ANSI C63.10

**Result**

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5775.000000         | PASS   |

**Final measurements**

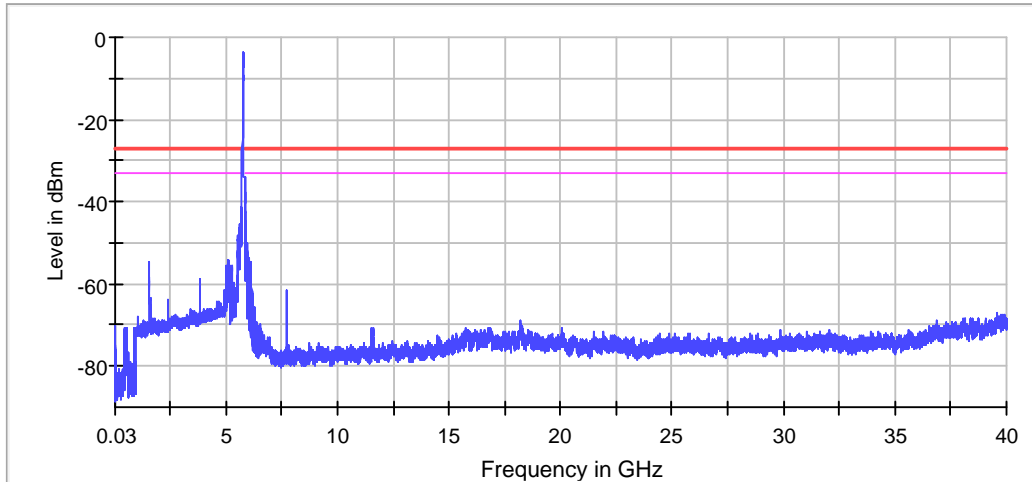
| Frequency (MHz) | Level Pre Measurement (dBm) | level (dBm) | Limit (dBm) | Margin (dB) | Result |
|-----------------|-----------------------------|-------------|-------------|-------------|--------|
| ---             | ---                         | ---         | ---         | ---         | ---    |

**Pre Measurements**

| Frequency (MHz) | Level (dBm) | Margin (dB) | Limit (dBm) |
|-----------------|-------------|-------------|-------------|
| 5724.500000     | -39.5       | 12.5        | -27.0       |
| 5722.500000     | -39.8       | 12.8        | -27.0       |
| 5721.500000     | -39.8       | 12.8        | -27.0       |
| 5723.500000     | -39.9       | 12.9        | -27.0       |
| 5719.500000     | -41.2       | 14.2        | -27.0       |
| 5666.500000     | -41.3       | 14.3        | -27.0       |
| 5667.500000     | -41.5       | 14.5        | -27.0       |
| 5665.500000     | -41.8       | 14.8        | -27.0       |
| 5715.500000     | -42.0       | 15.0        | -27.0       |
| 5716.500000     | -42.1       | 15.1        | -27.0       |
| 5720.500000     | -42.2       | 15.2        | -27.0       |
| 5718.500000     | -42.2       | 15.2        | -27.0       |
| 5852.500000     | -42.5       | 15.5        | -27.0       |
| 5709.500000     | -42.6       | 15.6        | -27.0       |
| 5853.500000     | -43.2       | 16.2        | -27.0       |

**Measurement Settings**

| Start Frequency (MHz) | Stop Frequency (MHz) | Pre Measurement | Final Measurement |
|-----------------------|----------------------|-----------------|-------------------|
| 30.000000             | 1000.000000          | 1               | 1                 |
| 1000.000000           | 5150.000000          | 2               | 2                 |
| 5150.000000           | 5250.000000          | 2               | 2                 |
| 5250.000000           | 5350.000000          | 2               | 2                 |
| 5350.000000           | 5470.000000          | 2               | 2                 |
| 5470.000000           | 5725.000000          | 2               | 2                 |
| 5725.000000           | 5850.000000          | 2               | 2                 |
| 5850.000000           | 7000.000000          | 2               | 2                 |
| 7000.000000           | 18000.000000         | 2               | 2                 |
| 18000.000000          | 26000.000000         | 2               | 2                 |
| 26000.000000          | 40000.000000         | 2               | 2                 |



— Limit    — Threshold    × Critical    — Sum Level    × Final Critical

### Pre Measurement 1

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| RBW                   | 100.000 kHz      | <= 100.000 kHz |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 9700             | ~ 9700         |
| SweepTime             | 9.700 ms         | AUTO           |
| Reference Level       | -20.000 dBm      | -30.000 dBm    |
| Attenuation           | 10.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 30               | 30             |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.50 dB          | 0.50 dB        |
| Run                   | 150 / max. 150   | max. 150       |
| Stable                | 0 / 3            | 3              |
| Max Stable Difference | 0.87 dB          | 0.50 dB        |

### Pre Measurement 2

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 4150             | ~ 4150       |
| SweepTime             | 4.150 ms         | AUTO         |
| Reference Level       | -20.000 dBm      | -30.000 dBm  |
| Attenuation           | 10.000 dB        | AUTO         |
| Detector              | MaxPeak          | MaxPeak      |
| SweepCount            | 30               | 30           |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.50 dB          | 0.50 dB      |
| Run                   | 44 / max. 150    | max. 150     |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.50 dB      |