

Appendix A: Test Results of 5.8G SDR

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Appendix A.1: Test Results of Conducted Power Spectral Density

Note: All testing were carried out on SISO mode and MIMO mode, but only the worst case was presented in this report.

5.8G SDR, 1.4MHz BW

Power Spectral Density (5728.5 MHz; -- 1.4MHz)

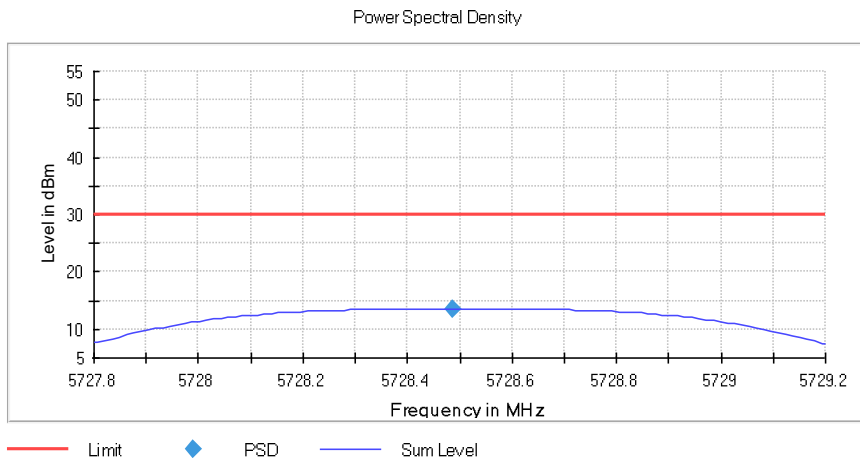
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5728.500000 | 5728.486139 | 13.565 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72780 GHz | 5.72780 GHz |
| Stop Frequency | 5.72920 GHz | 5.72920 GHz |
| Span | 1.400 MHz | 1.400 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 6 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5786.5 MHz; -- 1.4MHz)

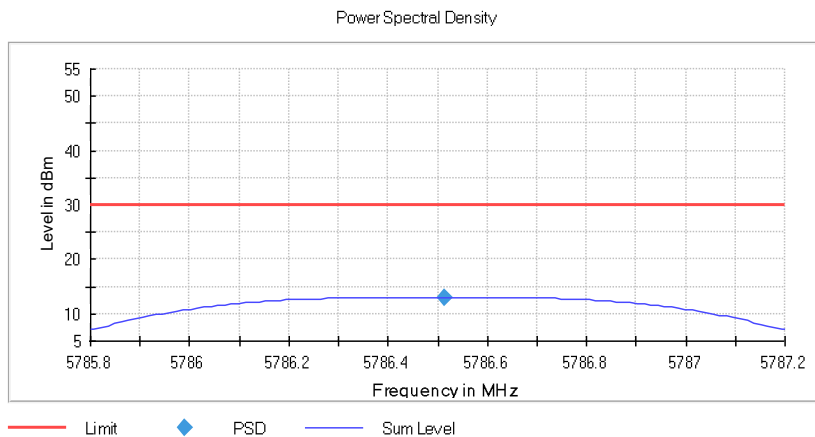
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5786.500000 | 5786.513861 | 13.072 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.78580 GHz | 5.78580 GHz |
| Stop Frequency | 5.78720 GHz | 5.78720 GHz |
| Span | 1.400 MHz | 1.400 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 6 |
| SweepTime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5846.5 MHz; -- 1.4MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

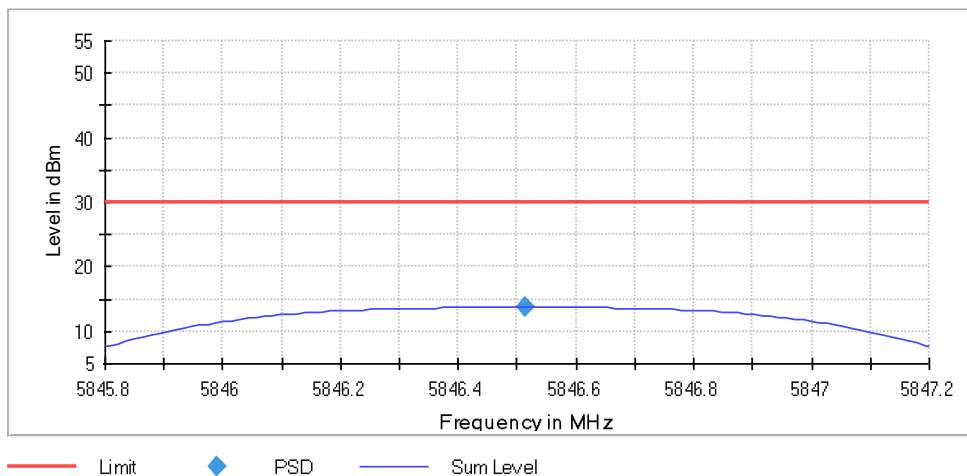
Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5846.500000 | 5846.513861 | 13.723 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |

Power Spectral Density



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.84580 GHz | 5.84580 GHz |
| Stop Frequency | 5.84720 GHz | 5.84720 GHz |
| Span | 1.400 MHz | 1.400 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 6 |
| SweepTime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

5.8G SDR, 3MHz BW

Power Spectral Density (5727.5 MHz; -- 3MHz)

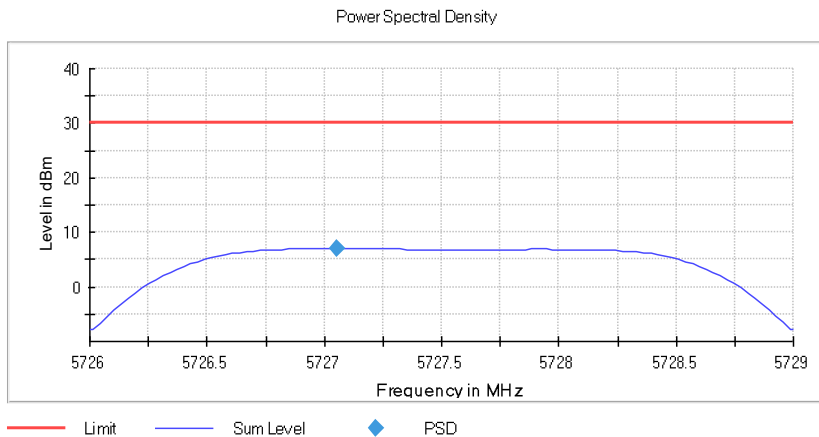
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5727.500000 | 5727.054455 | 7.008 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72600 GHz | 5.72600 GHz |
| Stop Frequency | 5.72900 GHz | 5.72900 GHz |
| Span | 3.000 MHz | 3.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 12 |
| SweepTime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5784.5 MHz; -- 3MHz)

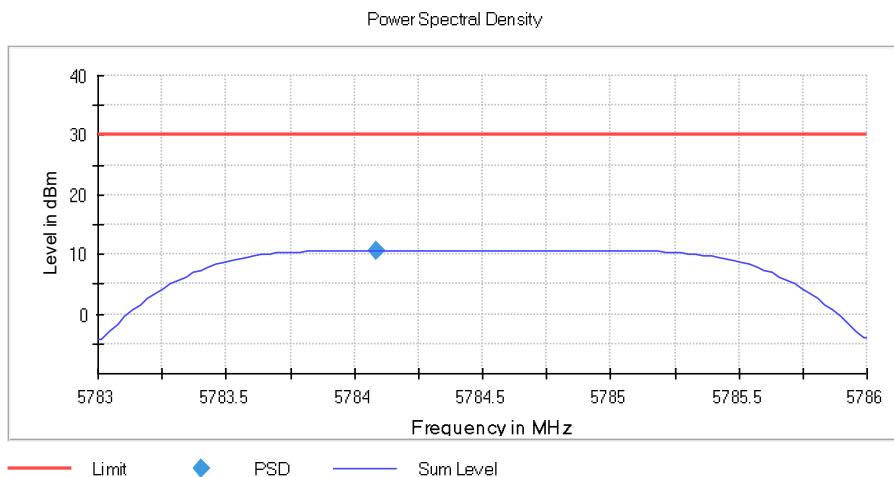
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5784.500000 | 5784.084158 | 10.678 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.78300 GHz | 5.78300 GHz |
| Stop Frequency | 5.78600 GHz | 5.78600 GHz |
| Span | 3.000 MHz | 3.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 12 |
| Sweptime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5844.5 MHz; -- 3MHz)

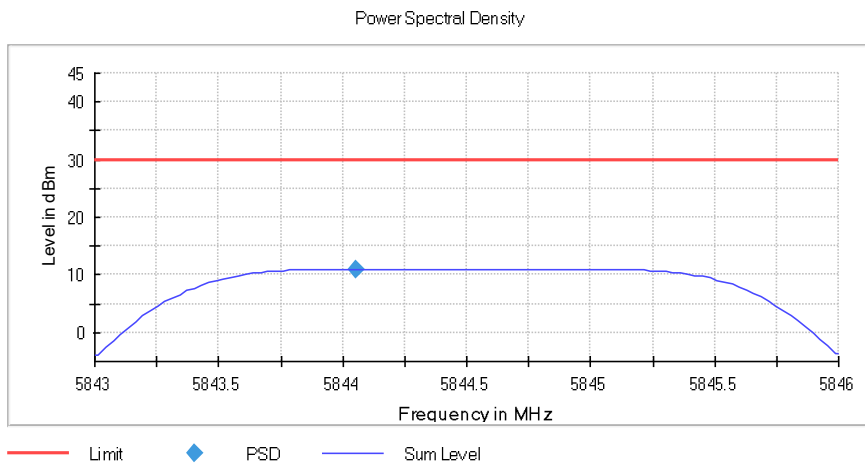
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5844.500000 | 5844.054455 | 11.057 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.84300 GHz | 5.84300 GHz |
| Stop Frequency | 5.84600 GHz | 5.84600 GHz |
| Span | 3.000 MHz | 3.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 12 |
| SweepTime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

5.8G SDR, 10MHz BW

Power Spectral Density (5730.5 MHz; -- 10MHz)

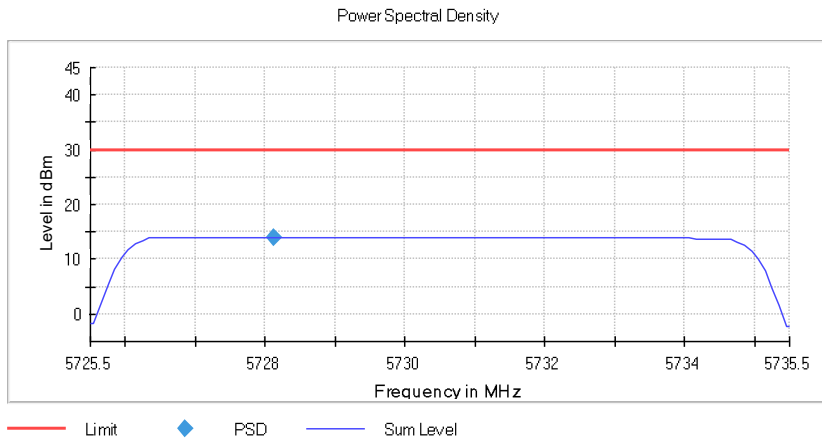
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5730.500000 | 5728.123762 | 14.090 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72550 GHz | 5.72550 GHz |
| Stop Frequency | 5.73550 GHz | 5.73550 GHz |
| Span | 10.000 MHz | 10.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 40 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5787.5 MHz; -- 10MHz)

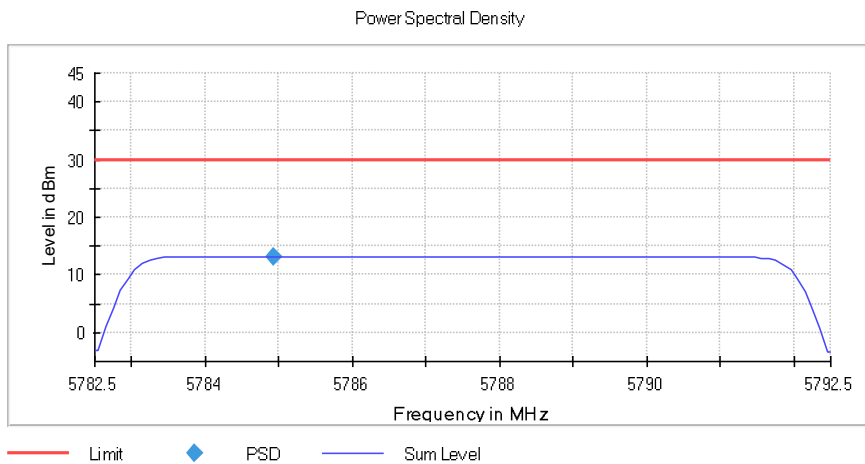
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5787.500000 | 5784.925743 | 13.249 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.78250 GHz | 5.78250 GHz |
| Stop Frequency | 5.79250 GHz | 5.79250 GHz |
| Span | 10.000 MHz | 10.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 40 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.01 dB | 0.30 dB |

Power Spectral Density (5844.5 MHz; -- 10MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

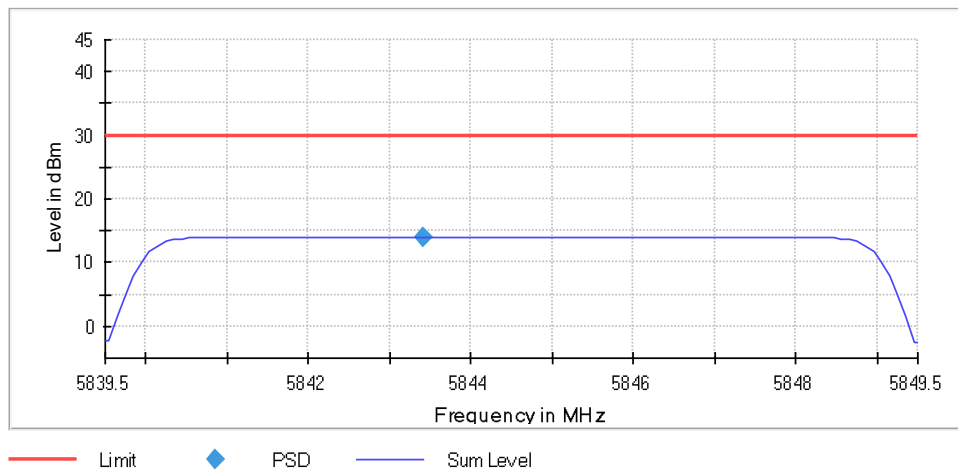
Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5844.500000 | 5843.410891 | 14.006 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |

Power Spectral Density



— Limit ◆ PSD — Sum Level

Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.83950 GHz | 5.83950 GHz |
| Stop Frequency | 5.84950 GHz | 5.84950 GHz |
| Span | 10.000 MHz | 10.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 40 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.02 dB | 0.30 dB |

5.8G SDR, 20MHz BW

Power Spectral Density (5735.5 MHz; -- 20 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

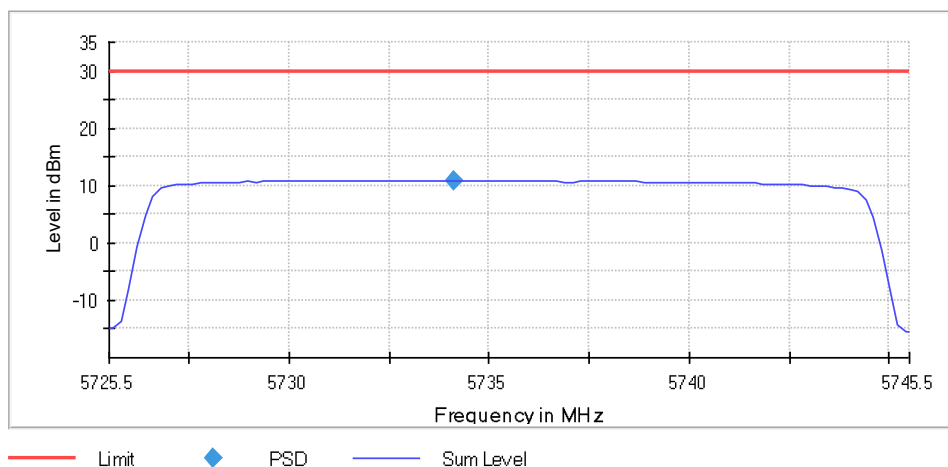
Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5735.500000 | 5734.113861 | 10.868 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |

Power Spectral Density



— Limit ◆ PSD — Sum Level

Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72550 GHz | 5.72550 GHz |
| Stop Frequency | 5.74550 GHz | 5.74550 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 80 |
| Sweptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5787.5 MHz; -- 20 MHz)

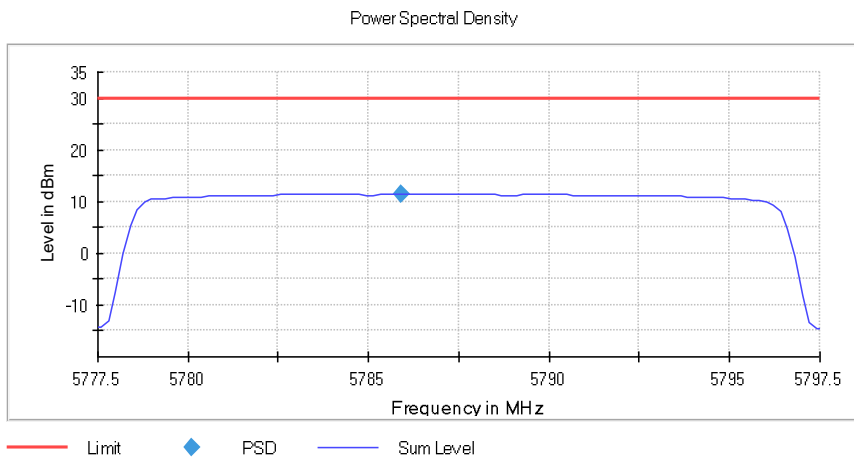
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5787.500000 | 5785.915842 | 11.395 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.77750 GHz | 5.77750 GHz |
| Stop Frequency | 5.79750 GHz | 5.79750 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5839.5 MHz; 20 MHz)

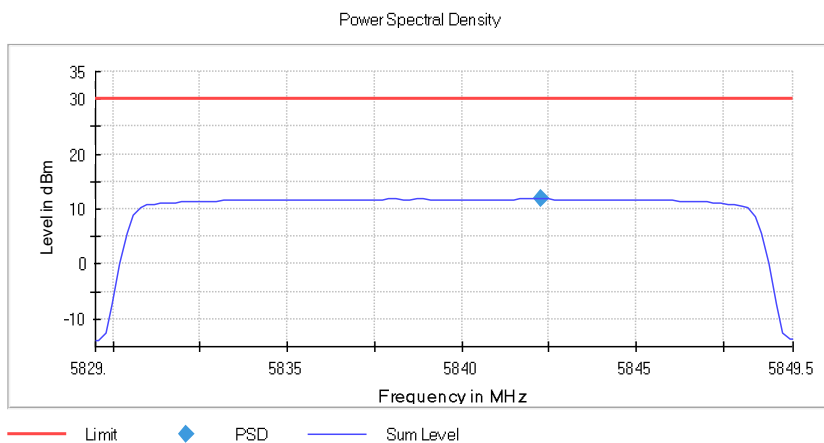
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5839.500000 | 5842.272277 | 11.821 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.82950 GHz | 5.82950 GHz |
| Stop Frequency | 5.84950 GHz | 5.84950 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 80 |
| Sweptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

MIMO mode_Ant.3

Power Spectral Density (5735.5 MHz; -- 20 MHz)

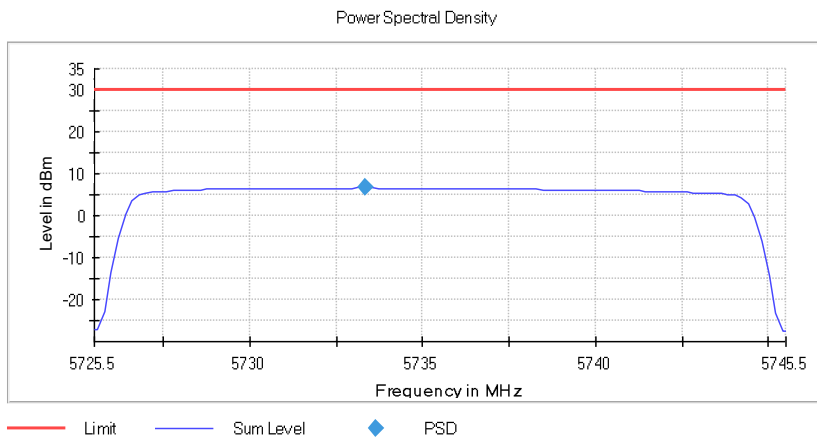
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5735.500000 | 5733.321782 | 6.655 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72550 GHz | 5.72550 GHz |
| Stop Frequency | 5.74550 GHz | 5.74550 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 80 |
| SweepTime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5787.5 MHz; -- 20 MHz)

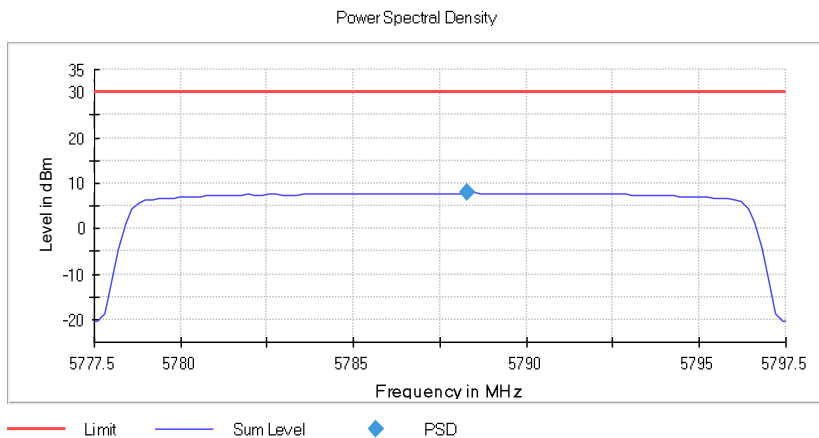
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5787.500000 | 5788.292079 | 7.826 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.77750 GHz | 5.77750 GHz |
| Stop Frequency | 5.79750 GHz | 5.79750 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.02 dB | 0.30 dB |

Power Spectral Density (5839.5 MHz; -- 20 MHz)

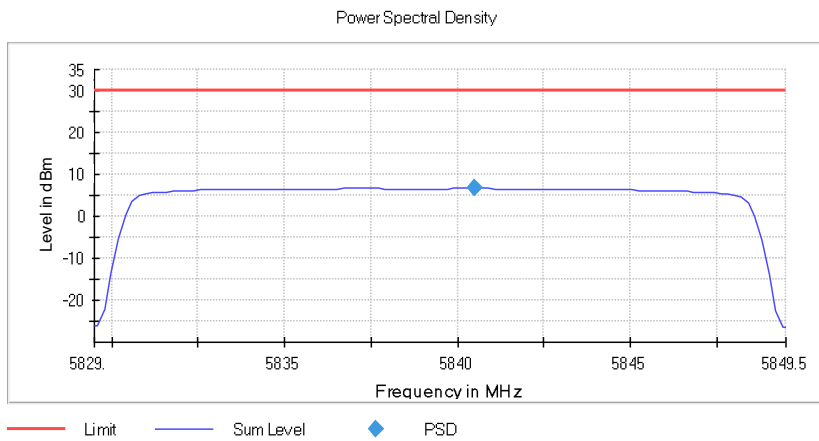
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5839.500000 | 5840.490099 | 6.704 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.82950 GHz | 5.82950 GHz |
| Stop Frequency | 5.84950 GHz | 5.84950 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 505.000 ms | 505.000 ms |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 119 | 119 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.05 dB | 0.30 dB |

5.8G SDR, 40MHz BW

Power Spectral Density (5745.5 MHz; -- 40 MHz)

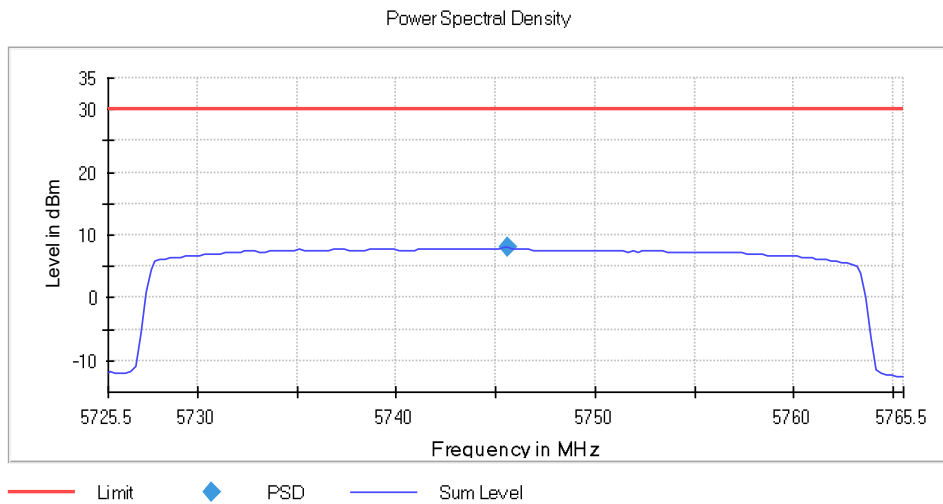
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5745.500000 | 5745.625000 | 8.069 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72550 GHz | 5.72550 GHz |
| Stop Frequency | 5.76550 GHz | 5.76550 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 160 | ~ 160 |
| SweepTime | 800.000 ms | 800.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 76 | 76 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Power Spectral Density (5787.5 MHz; -- 40 MHz)

Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

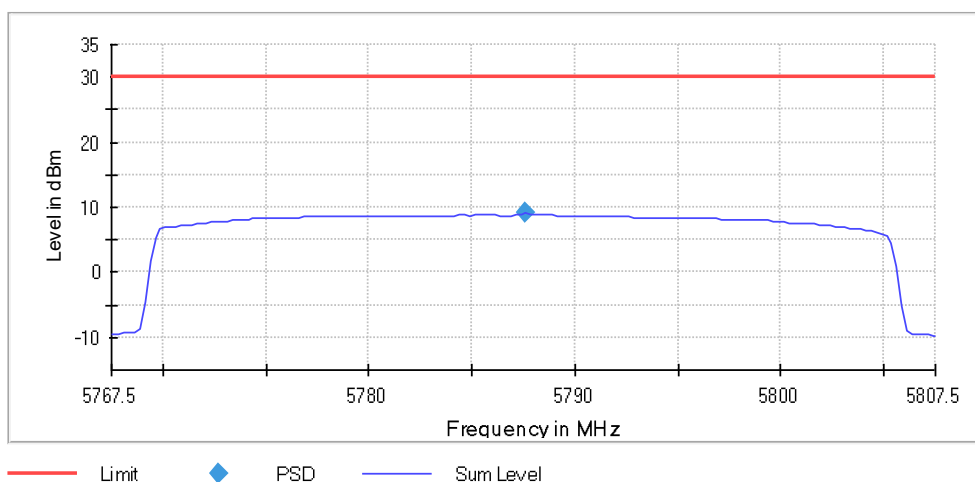
Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5787.500000 | 5787.625000 | 9.050 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |

Power Spectral Density



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.76750 GHz | 5.76750 GHz |
| Stop Frequency | 5.80750 GHz | 5.80750 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 160 | ~ 160 |
| SweepTime | 800.000 ms | 800.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 76 | 76 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.05 dB | 0.30 dB |

Power Spectral Density (5829.5 MHz; -- 40 MHz)

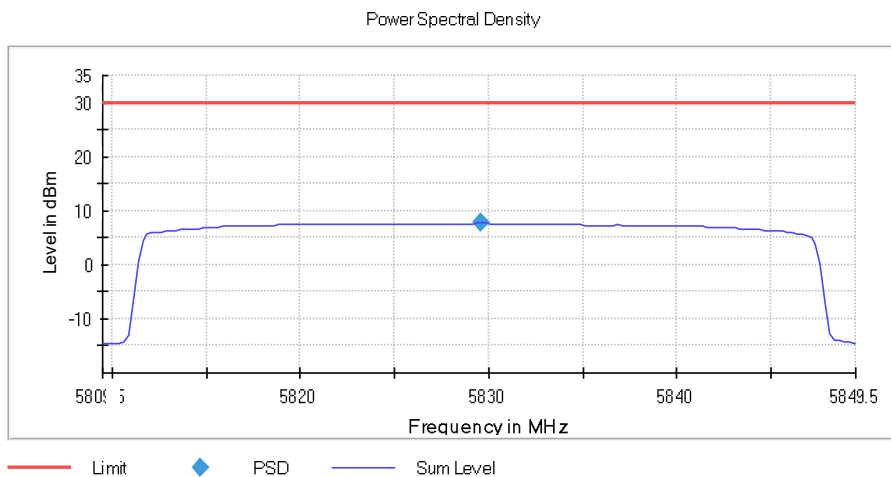
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5829.500000 | 5829.625000 | 7.812 | 30.0 | PASS |

Ports

| Port | State |
|------|-------|
| 1 | used |
| 2 | used |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.80950 GHz | 5.80950 GHz |
| Stop Frequency | 5.84950 GHz | 5.84950 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | <= 500.000 kHz |
| VBW | 2.000 MHz | >= 1.500 MHz |
| SweepPoints | 160 | ~ 160 |
| Sweeptime | 800.000 ms | 800.000 ms |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | RMS | RMS |
| SweepCount | 76 | 76 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | max. 15 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.02 dB | 0.30 dB |

Appendix A.2: Test Results of 6dB Bandwidth

5.8G SDR, 1.4MHz BW

Minimum Emission Bandwidth 6 dB (5728.5 MHz; -- 1.4MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

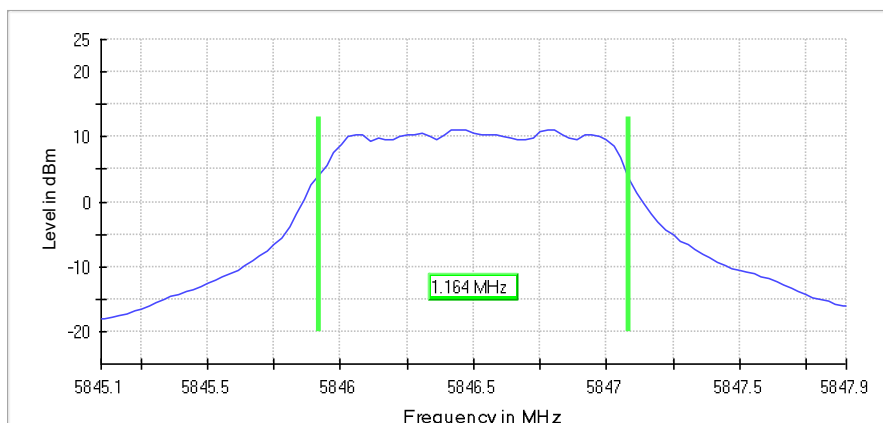
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5846.500000 | 1.164356 | 0.500000 | --- | 5845.917822 | 5847.082178 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5846.500000 | 11.1 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.84510 GHz | 5.84510 GHz |
| Stop Frequency | 5.84790 GHz | 5.84790 GHz |
| Span | 2.800 MHz | 2.800 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 56 |
| Sweeptime | 19.022 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 13 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.04 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5786.5 MHz; -- 1.4MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

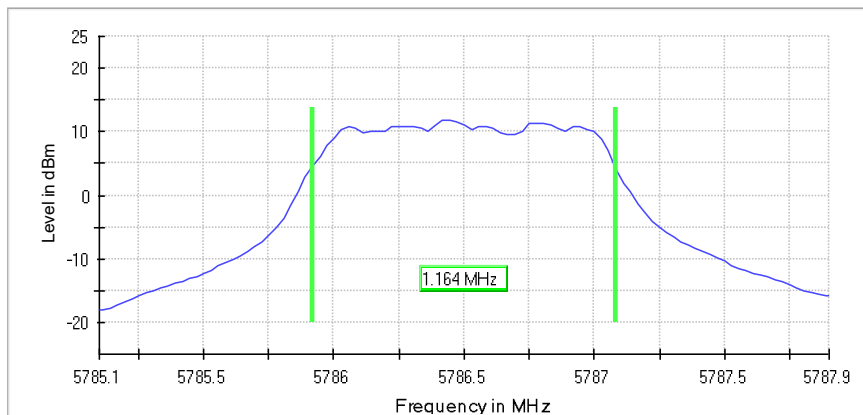
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5786.500000 | 1.164356 | 0.500000 | --- | 5785.917822 | 5787.082178 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5786.500000 | 11.7 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.78510 GHz | 5.78510 GHz |
| Stop Frequency | 5.78790 GHz | 5.78790 GHz |
| Span | 2.800 MHz | 2.800 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 56 |
| Sweeptime | 19.022 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 11 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.10 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5846.5 MHz; -- 1.4MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

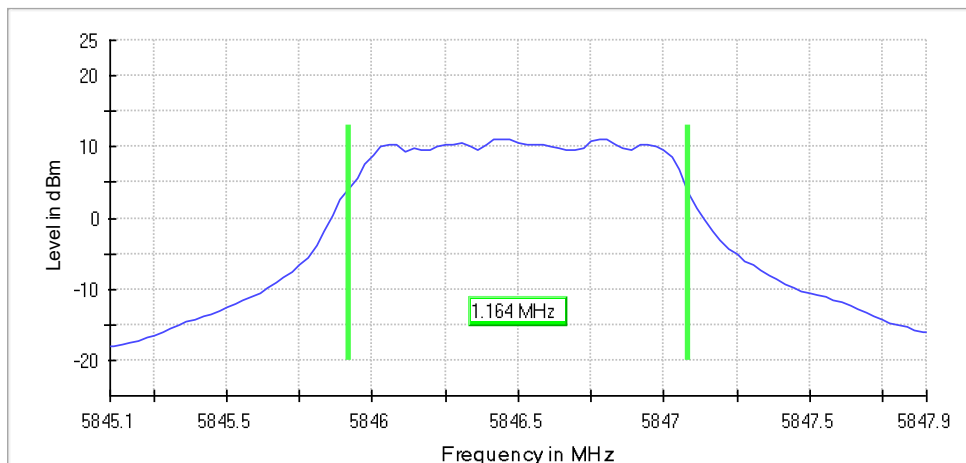
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5846.500000 | 1.164356 | 0.500000 | --- | 5845.917822 | 5847.082178 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5846.500000 | 11.1 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.84510 GHz | 5.84510 GHz |
| Stop Frequency | 5.84790 GHz | 5.84790 GHz |
| Span | 2.800 MHz | 2.800 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 56 |
| SweepTime | 19.022 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 13 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.04 dB | 0.30 dB |

5.8G SDR, 3MHz BW

Minimum Emission Bandwidth 6 dB (5727.5 MHz; -- 3MHz)

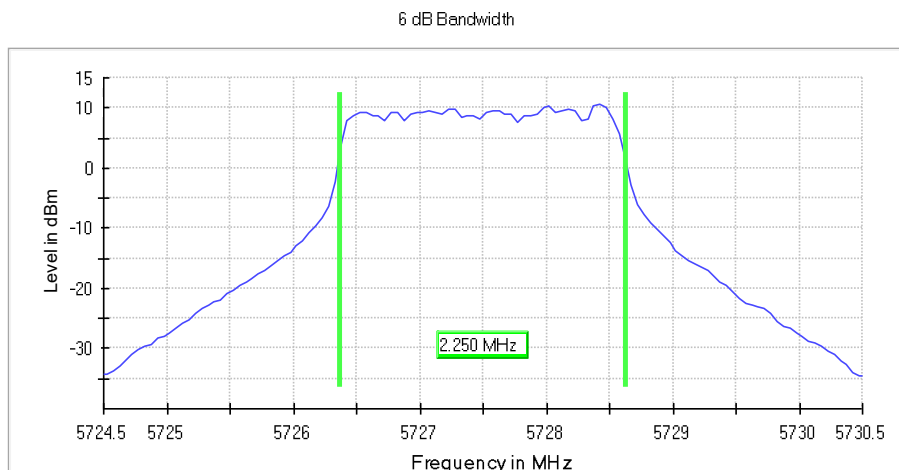
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5727.500000 | 2.250000 | 0.500000 | --- | 5726.375000 | 5728.625000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5727.500000 | 10.5 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.72450 GHz | 5.72450 GHz |
| Stop Frequency | 5.73050 GHz | 5.73050 GHz |
| Span | 6.000 MHz | 6.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 120 | ~ 120 |
| Sweeptime | 18.984 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 17 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.03 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5784.5 MHz; -- 3MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

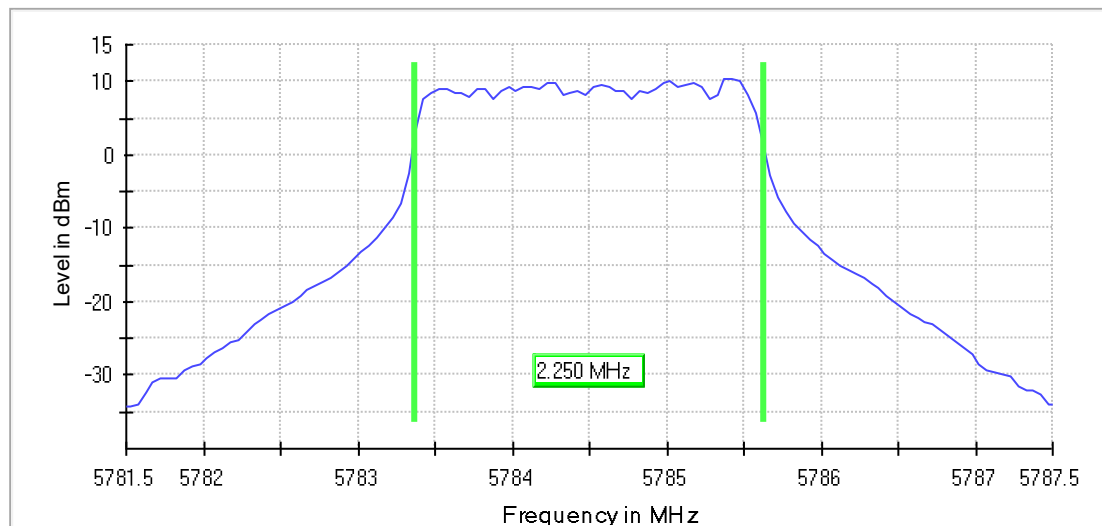
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5784.500000 | 2.250000 | 0.500000 | --- | 5783.375000 | 5785.625000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5784.500000 | 10.5 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.78150 GHz | 5.78150 GHz |
| Stop Frequency | 5.78750 GHz | 5.78750 GHz |
| Span | 6.000 MHz | 6.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 120 | ~ 120 |
| Sweeptime | 18.984 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 16 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.12 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5844.5 MHz; -- 3MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

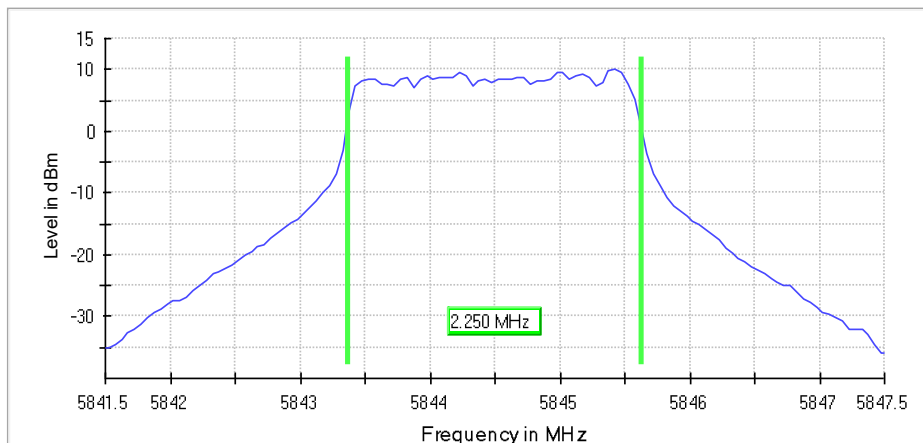
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5844.500000 | 2.250000 | 0.500000 | --- | 5843.375000 | 5845.625000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5844.500000 | 10.0 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.84150 GHz | 5.84150 GHz |
| Stop Frequency | 5.84750 GHz | 5.84750 GHz |
| Span | 6.000 MHz | 6.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 120 | ~ 120 |
| Sweeptime | 18.984 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 13 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.18 dB | 0.30 dB |

5.8G SDR, 10MHz BW

Minimum Emission Bandwidth 6 dB (5730.5 MHz; -- 10MHz)

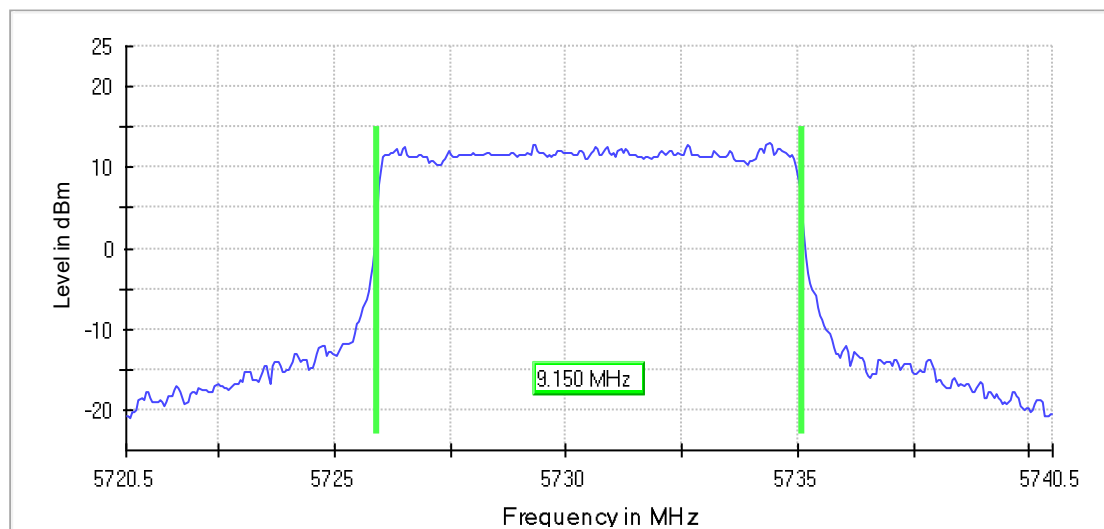
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5730.50000 | 9.150000 | 0.500000 | --- | 5725.925000 | 5735.075000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5730.500000 | 13.1 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.72050 GHz | 5.72050 GHz |
| Stop Frequency | 5.74050 GHz | 5.74050 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 56.953 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 47 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.19 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5787.5 MHz; -- 10MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

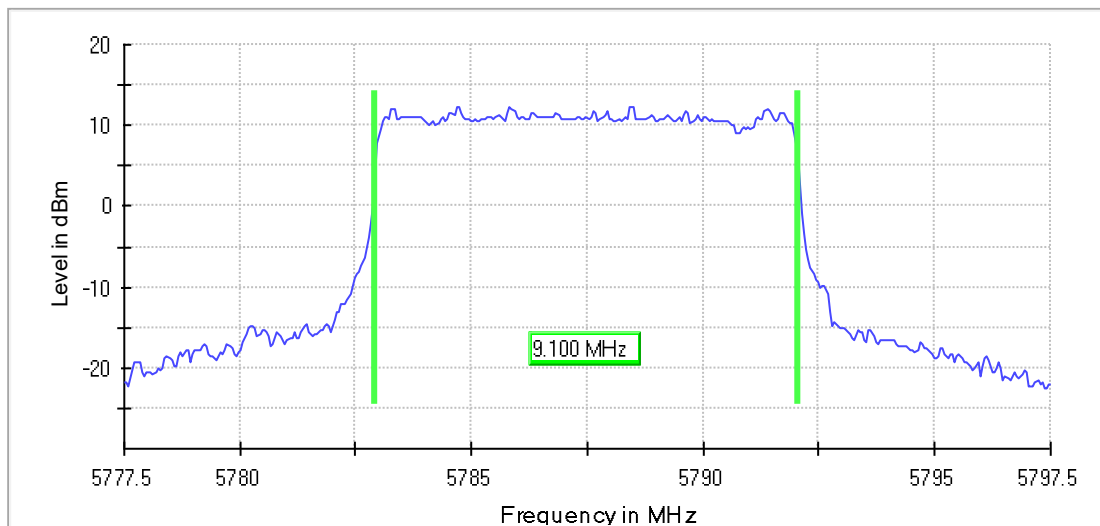
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5787.500000 | 9.100000 | 0.500000 | --- | 5782.925000 | 5792.025000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5787.500000 | 12.4 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.77750 GHz | 5.77750 GHz |
| Stop Frequency | 5.79750 GHz | 5.79750 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 56.953 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 61 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5844.5 MHz; -- 10MHz)

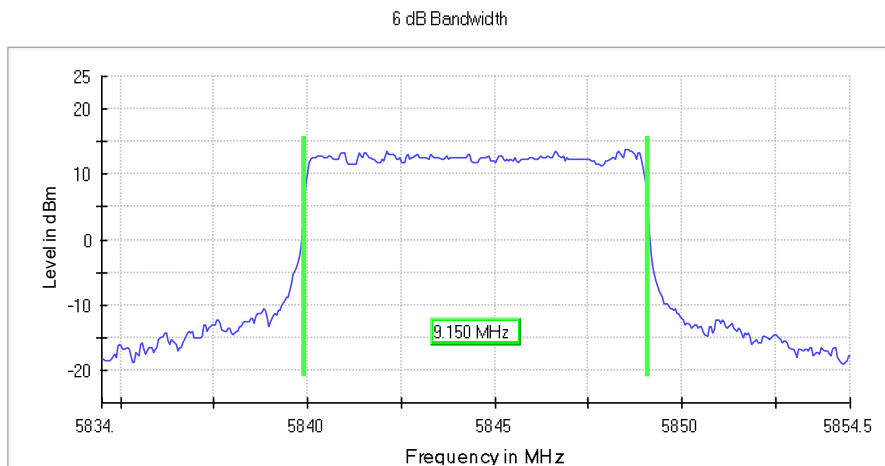
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5844.500000 | 9.150000 | 0.500000 | --- | 5839.925000 | 5849.075000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5844.500000 | 13.8 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.83450 GHz | 5.83450 GHz |
| Stop Frequency | 5.85450 GHz | 5.85450 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweptime | 56.953 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 41 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.10 dB | 0.30 dB |

5.8G SDR, 20MHz BW

Minimum Emission Bandwidth 6 dB (5735.5 MHz; -- 20 MHz)

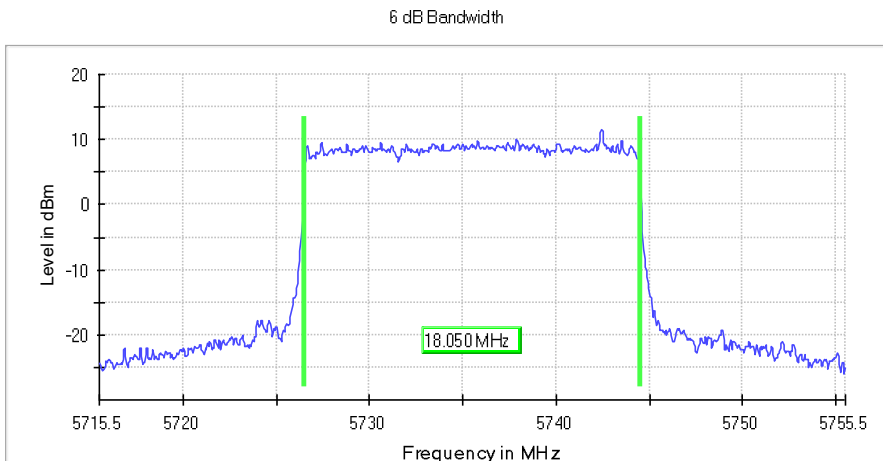
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5735.50000 | 18.05000 | 0.50000 | --- | 5726.47500 | 5744.52500 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5735.50000 | 11.5 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.71550 GHz | 5.71550 GHz |
| Stop Frequency | 5.75550 GHz | 5.75550 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 800 | ~ 800 |
| SweepTime | 94.922 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 101 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.02 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5787.5 MHz; -- 20 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

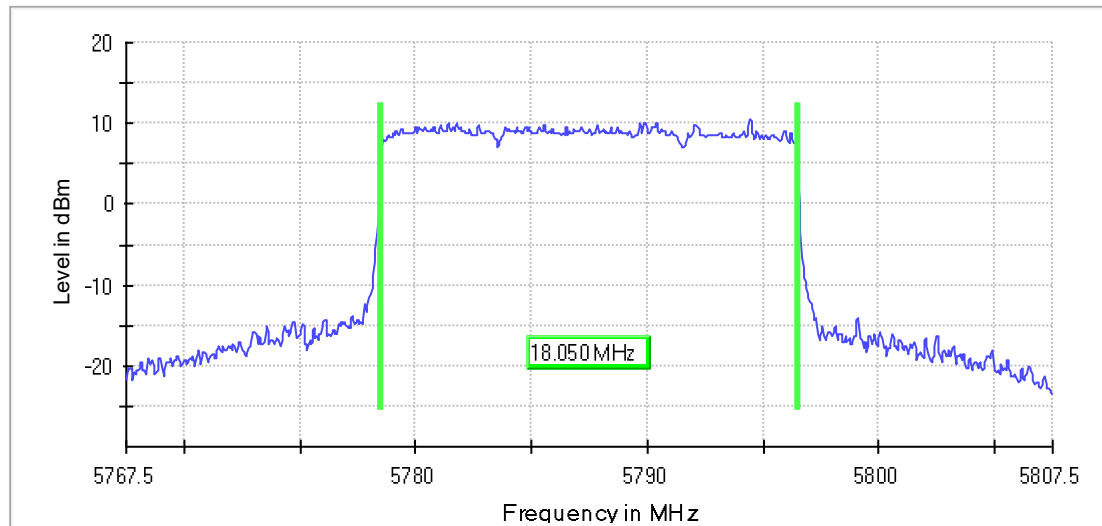
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5787.500000 | 18.050000 | 0.500000 | --- | 5778.475000 | 5796.525000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5787.500000 | 10.5 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.76750 GHz | 5.76750 GHz |
| Stop Frequency | 5.80750 GHz | 5.80750 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 800 | ~ 800 |
| Sweptime | 94.922 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 80 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.25 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5839.5 MHz; -- 20 MHz)

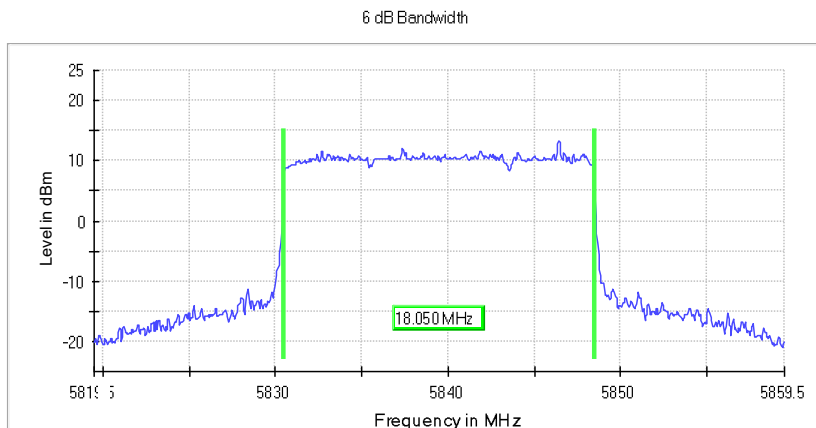
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5839.500000 | 18.050000 | 0.500000 | --- | 5830.475000 | 5848.525000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5839.500000 | 13.4 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.81950 GHz | 5.81950 GHz |
| Stop Frequency | 5.85950 GHz | 5.85950 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 800 | ~ 800 |
| Sweeptime | 94.922 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 83 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.12 dB | 0.30 dB |

5.8G SDR, 40MHz BW

Minimum Emission Bandwidth 6 dB (5745.5 MHz; -- 40 MHz)

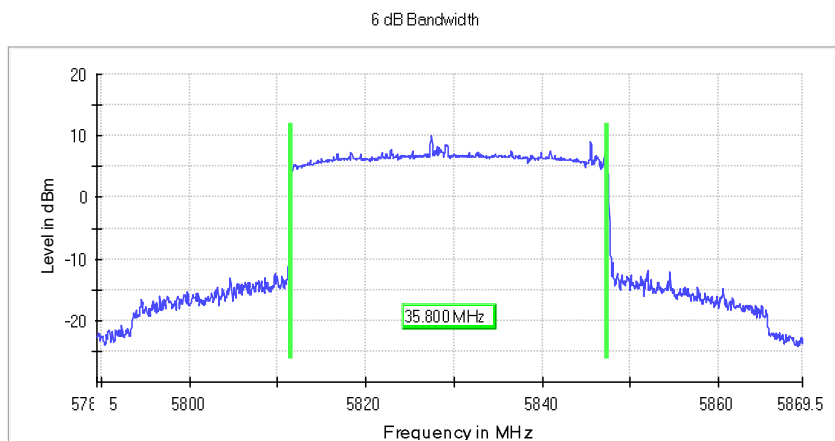
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5829.500000 | 35.800000 | 0.500000 | --- | 5811.575000 | 5847.375000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5829.500000 | 10.2 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.78950 GHz | 5.78950 GHz |
| Stop Frequency | 5.86950 GHz | 5.86950 GHz |
| Span | 80.000 MHz | 80.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 1600 | ~ 1600 |
| Sweptime | 1.600 ms | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 104 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5787.5 MHz; -- 40 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

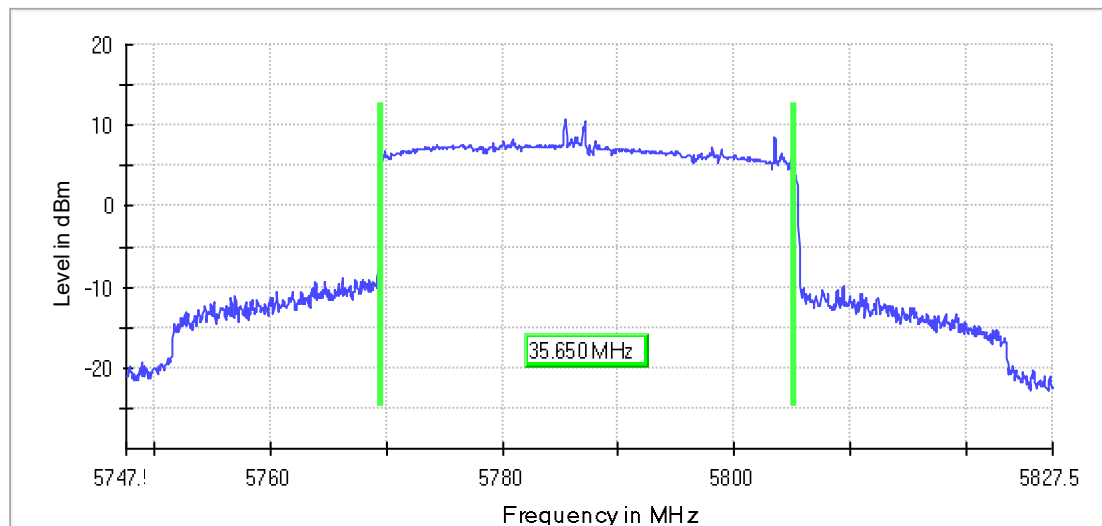
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5787.500000 | 35.650000 | 0.500000 | --- | 5769.525000 | 5805.175000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5787.500000 | 10.8 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.74750 GHz | 5.74750 GHz |
| Stop Frequency | 5.82750 GHz | 5.82750 GHz |
| Span | 80.000 MHz | 80.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 1600 | ~ 1600 |
| Sweptime | 1.600 ms | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 94 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Minimum Emission Bandwidth 6 dB (5829.5 MHz; -- 40 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

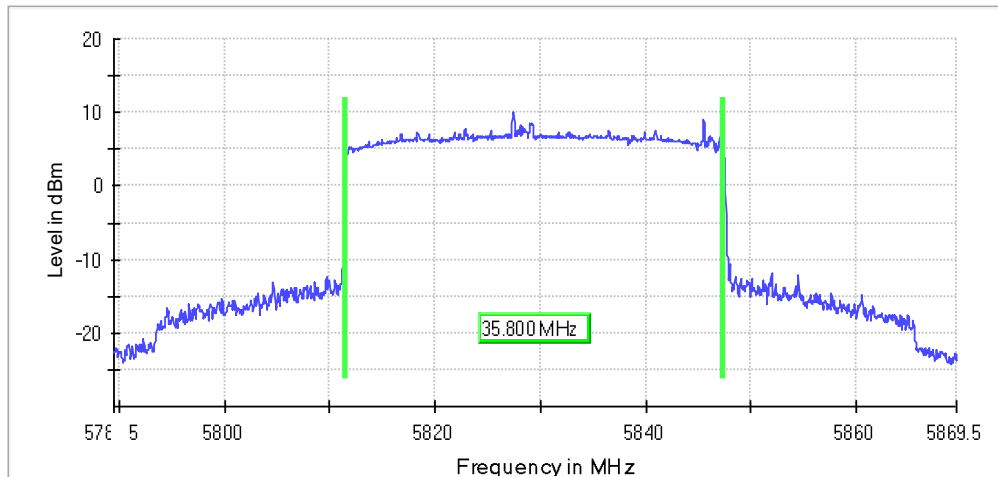
6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5829.500000 | 35.800000 | 0.500000 | --- | 5811.575000 | 5847.375000 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5829.500000 | 10.2 | PASS |

6 dB Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.78950 GHz | 5.78950 GHz |
| Stop Frequency | 5.86950 GHz | 5.86950 GHz |
| Span | 80.000 MHz | 80.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 1600 | ~ 1600 |
| SweepTime | 1.600 ms | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 104 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Appendix A.3: Test Results of 99% Bandwidth

5.8G SDR, 1.4MHz BW

Occupied Channel Bandwidth 99%

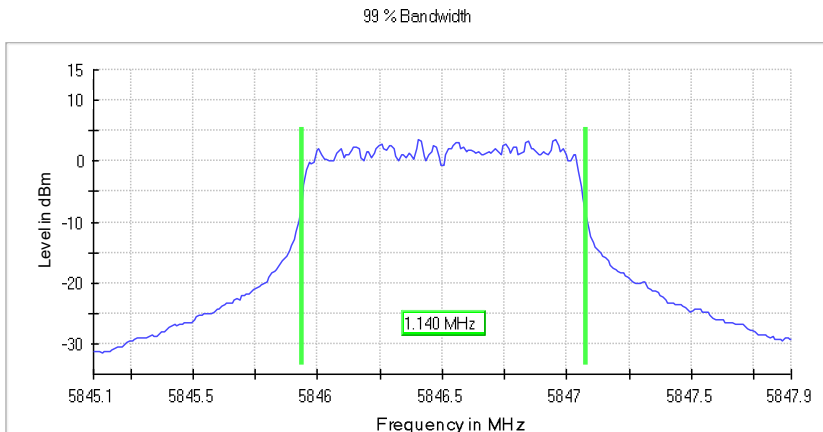
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5846.500000 | 1.140000 | --- | --- | 5845.935000 | 5847.075000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5846.500000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.84510 GHz | 5.84510 GHz |
| Stop Frequency | 5.84790 GHz | 5.84790 GHz |
| Span | 2.800 MHz | 2.800 MHz |
| RBW | 20.000 kHz | >= 14.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 280 | ~ 280 |
| Sweeptime | 94.727 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 8 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.11 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

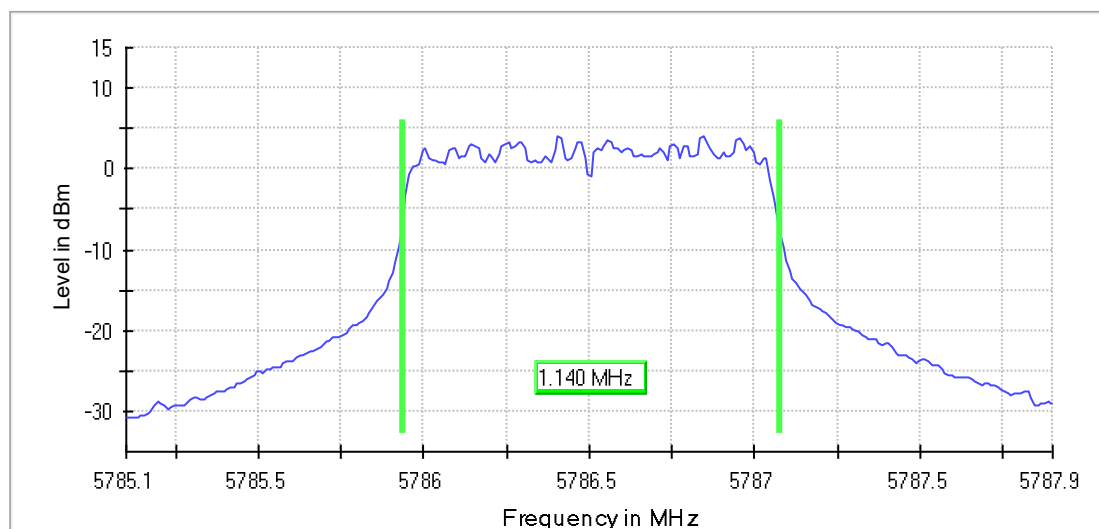
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5786.500000 | 1.140000 | --- | --- | 5785.935000 | 5787.075000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5786.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.78510 GHz | 5.78510 GHz |
| Stop Frequency | 5.78790 GHz | 5.78790 GHz |
| Span | 2.800 MHz | 2.800 MHz |
| RBW | 20.000 kHz | >= 14.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 280 | ~ 280 |
| Sweeptime | 94.727 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 9 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.06 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

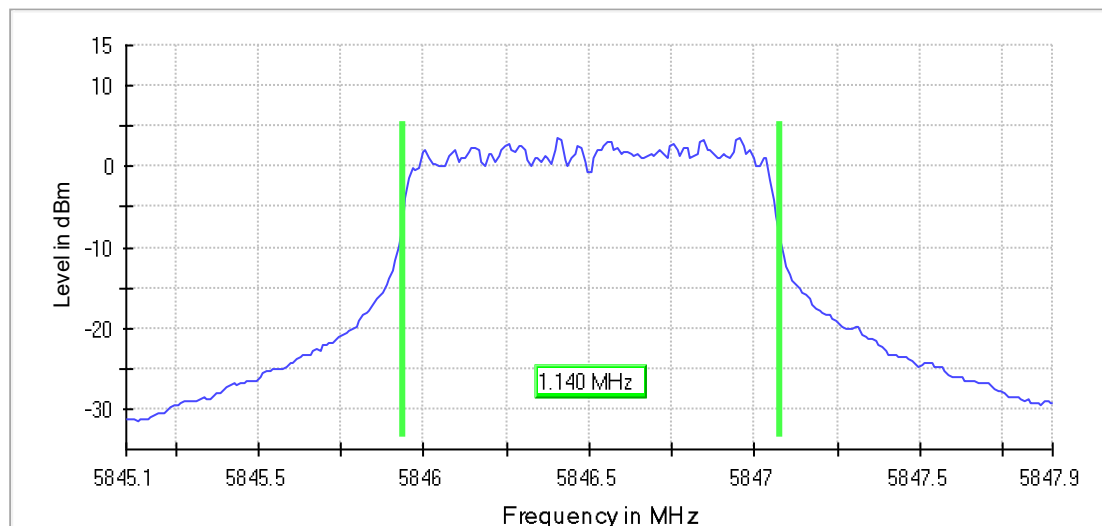
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5846.500000 | 1.140000 | --- | --- | 5845.935000 | 5847.075000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5846.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.84510 GHz | 5.84510 GHz |
| Stop Frequency | 5.84790 GHz | 5.84790 GHz |
| Span | 2.800 MHz | 2.800 MHz |
| RBW | 20.000 kHz | >= 14.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 280 | ~ 280 |
| Sweeptime | 94.727 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 8 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.11 dB | 0.30 dB |

5.8G SDR, 3MHz BW
MIMO mode_Ant.0

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

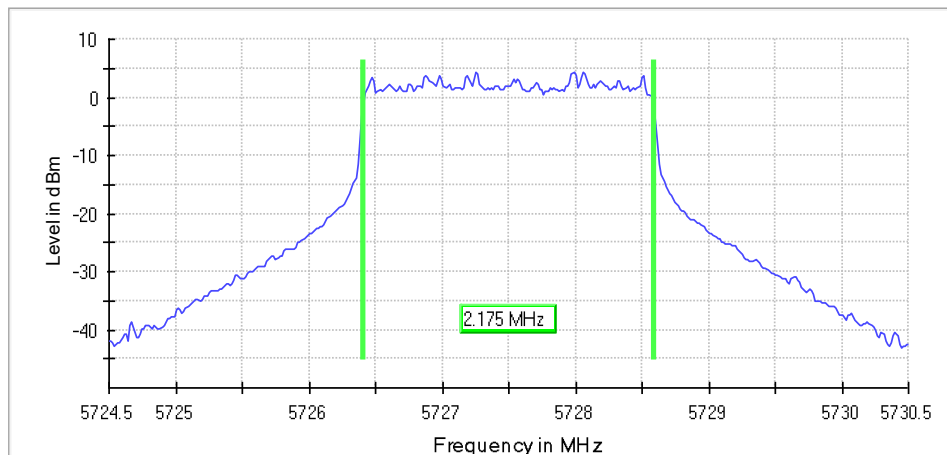
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5727.500000 | 2.175000 | --- | --- | 5726.412500 | 5728.587500 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5727.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.72450 GHz | 5.72450 GHz |
| Stop Frequency | 5.73050 GHz | 5.73050 GHz |
| Span | 6.000 MHz | 6.000 MHz |
| RBW | 30.000 kHz | >= 30.000 kHz |
| VBW | 100.000 kHz | >= 90.000 kHz |
| SweepPoints | 400 | ~ 400 |
| SweepTime | 63.216 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 12 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.06 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

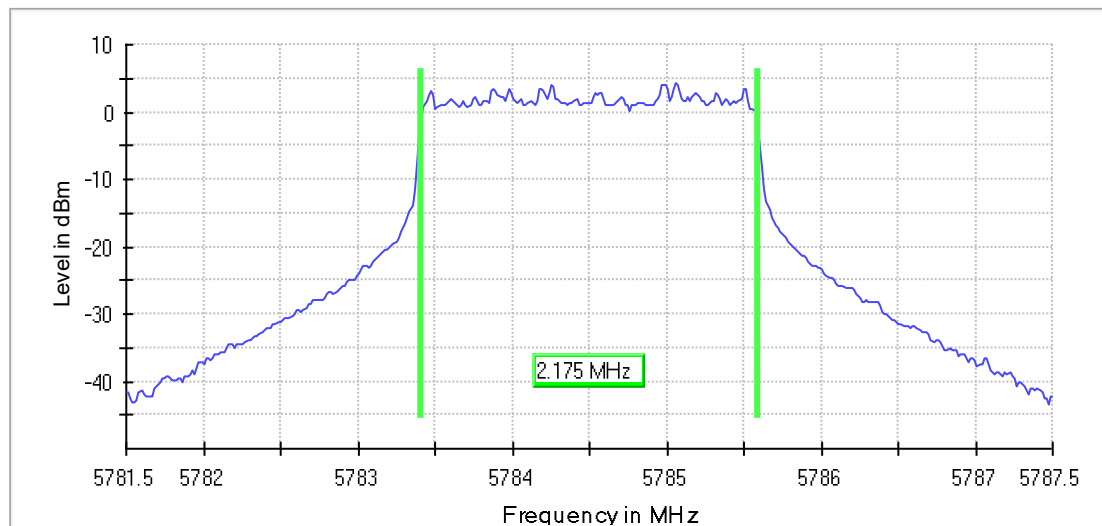
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5784.500000 | 2.175000 | --- | --- | 5783.412500 | 5785.587500 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5784.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.78150 GHz | 5.78150 GHz |
| Stop Frequency | 5.78750 GHz | 5.78750 GHz |
| Span | 6.000 MHz | 6.000 MHz |
| RBW | 30.000 kHz | >= 30.000 kHz |
| VBW | 100.000 kHz | >= 90.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweptime | 63.216 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 9 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.07 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

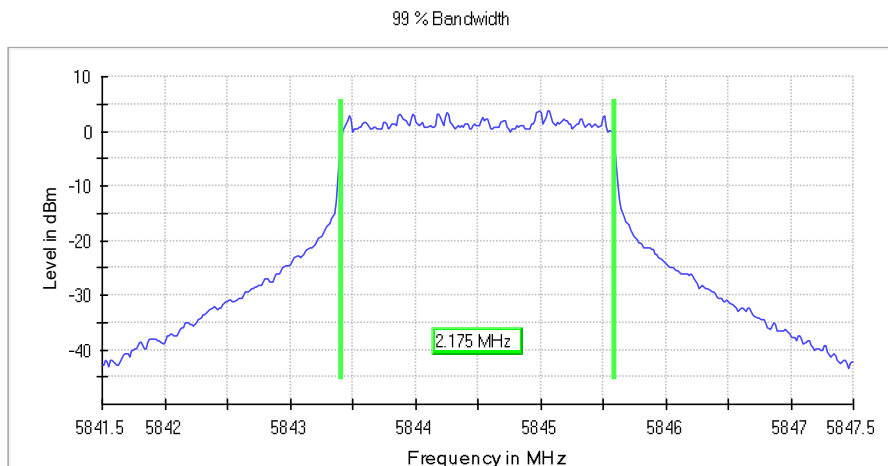
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5844.500000 | 2.175000 | --- | --- | 5843.412500 | 5845.587500 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5844.500000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 5.84150 GHz | 5.84150 GHz |
| Stop Frequency | 5.84750 GHz | 5.84750 GHz |
| Span | 6.000 MHz | 6.000 MHz |
| RBW | 30.000 kHz | >= 30.000 kHz |
| VBW | 100.000 kHz | >= 90.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 63.216 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 11 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.11 dB | 0.30 dB |

5.8G SDR, 10MHz BW mode

Occupied Channel Bandwidth 99%

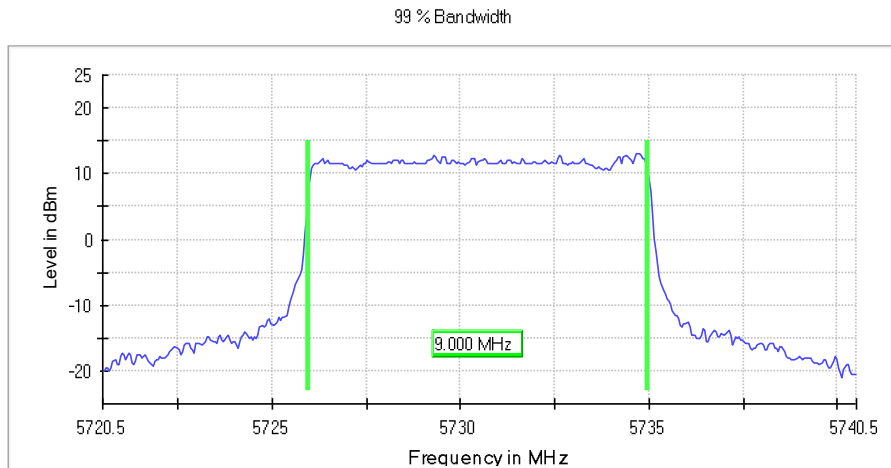
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5730.500000 | 9.000000 | --- | --- | 5725.975000 | 5734.975000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5730.500000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.72050 GHz | 5.72050 GHz |
| Stop Frequency | 5.74050 GHz | 5.74050 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 100.000 kHz | >= 100.000 kHz |
| VBW | 300.000 kHz | >= 300.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 56.953 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 82 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

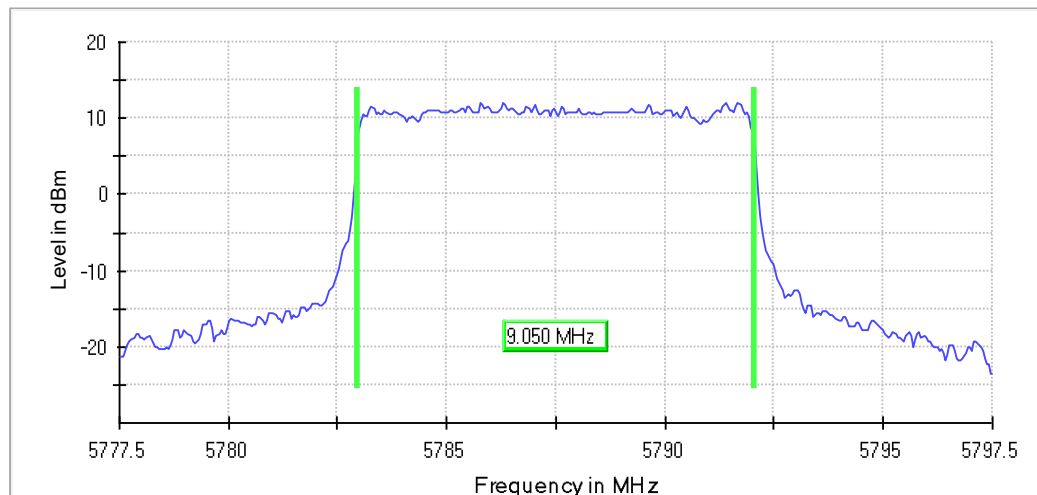
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5787.500000 | 9.050000 | --- | --- | 5782.975000 | 5792.025000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5787.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.77750 GHz | 5.77750 GHz |
| Stop Frequency | 5.79750 GHz | 5.79750 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 100.000 kHz | >= 100.000 kHz |
| VBW | 300.000 kHz | >= 300.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweptime | 56.953 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 76 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.02 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

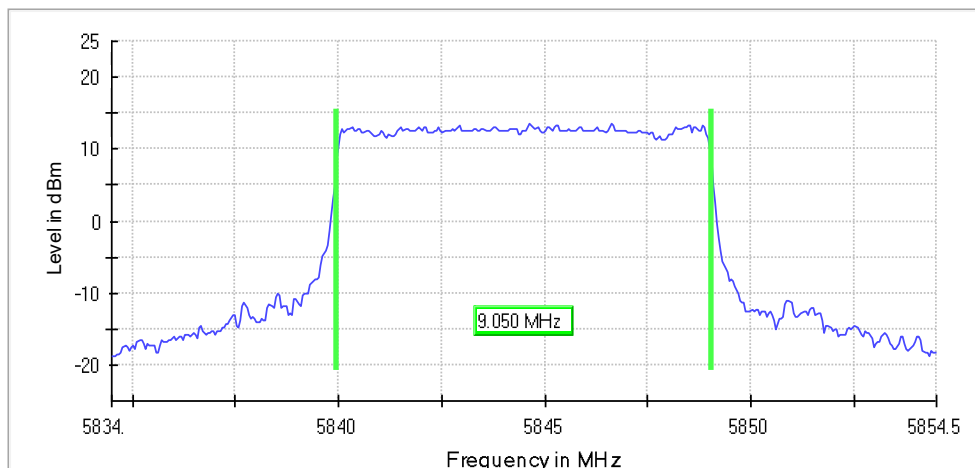
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5844.500000 | 9.050000 | --- | --- | 5839.975000 | 5849.025000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5844.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.83450 GHz | 5.83450 GHz |
| Stop Frequency | 5.85450 GHz | 5.85450 GHz |
| Span | 20.000 MHz | 20.000 MHz |
| RBW | 100.000 kHz | >= 100.000 kHz |
| VBW | 300.000 kHz | >= 300.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 56.953 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 76 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

5.8G SDR, 20MHz BW

Occupied Channel Bandwidth 99%

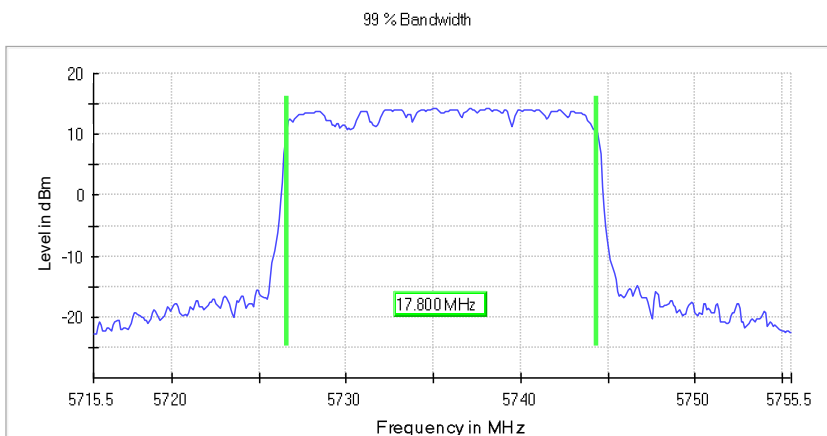
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5735.500000 | 17.800000 | --- | --- | 5726.550000 | 5744.350000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5735.500000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.71550 GHz | 5.71550 GHz |
| Stop Frequency | 5.75550 GHz | 5.75550 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 200.000 kHz | >= 200.000 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 400 | ~ 400 |
| SweepTime | 47.266 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 52 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.30 dB |

Occupied Channel Bandwidth 99%

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

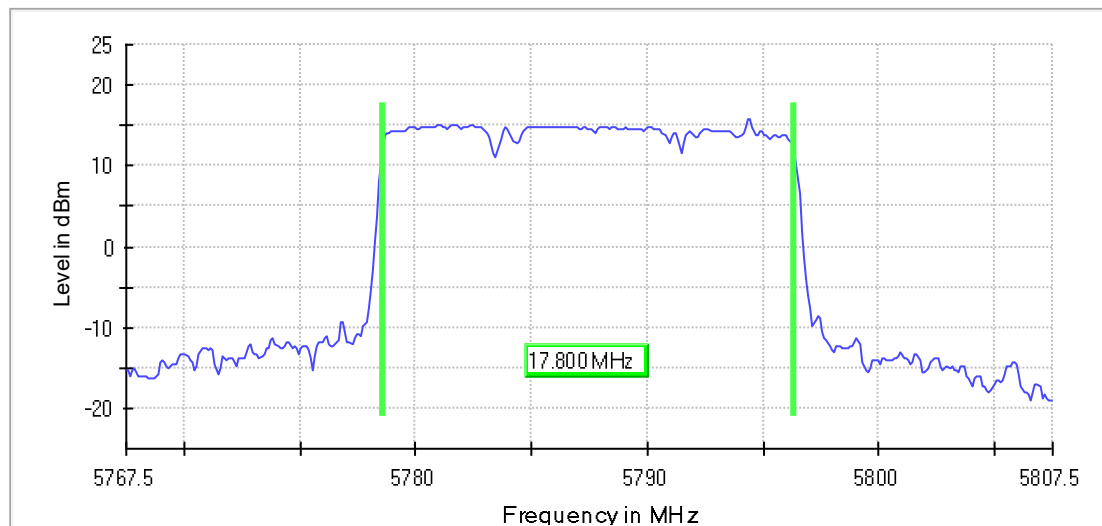
99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5787.500000 | 17.800000 | --- | --- | 5778.550000 | 5796.350000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5787.500000 | PASS |

99 % Bandwidth



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|----------------|
| Start Frequency | 5.76750 GHz | 5.76750 GHz |
| Stop Frequency | 5.80750 GHz | 5.80750 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 200.000 kHz | >= 200.000 kHz |
| VBW | 1.000 MHz | >= 600.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 47.266 µs | AUTO |
| Reference Level | 20.000 dBm | 20.000 dBm |
| Attenuation | 40.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 200 | 200 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 93 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.07 dB | 0.30 dB |