

TEST C.3: POWER LIMITS. MAXIMUM OUTPUT POWER

| | | |
|----------------|-------------------|---|
| LIMITS: | Product standard: | Part 15 Subpart C §15.407, KDB 662911 D01 and RSS-247 |
| | Test standard: | Part 15 Subpart C §15.407(a) (3) (4), KDB 662911 D01 E) 1 and RSS-247 6.2.4.1 |

LIMITS

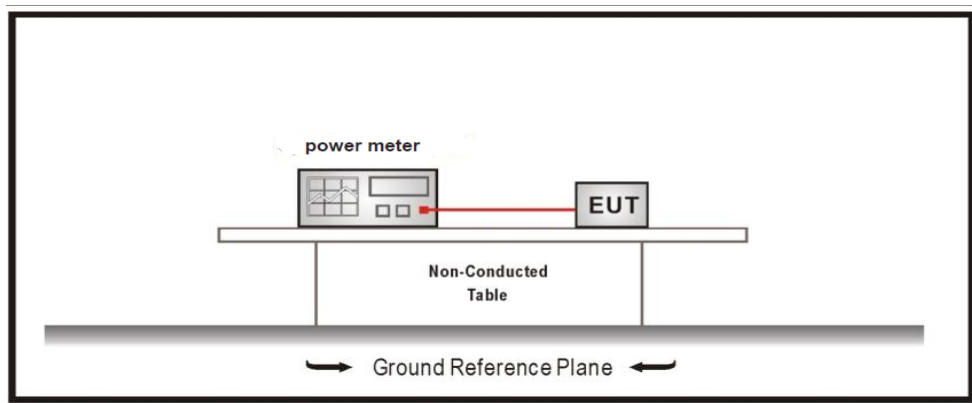
In band 5.725- 5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST SETUP

Measured according to ANSI C63.10, Section 11.9.2.3.2 Method AVGPM-G

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power

For MIMO: The measured values from the two ports were summed by using the measure-and-sum technique in E) 1) of KDB 662911 D01 Multiple Transmitter Output v02r01 and based on two ports, port 1 and 2 (or port 3 and 4) transmitting at the same time in the 2X2 MIMO mode.



| | |
|---------------------------------|----------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#01 (a mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

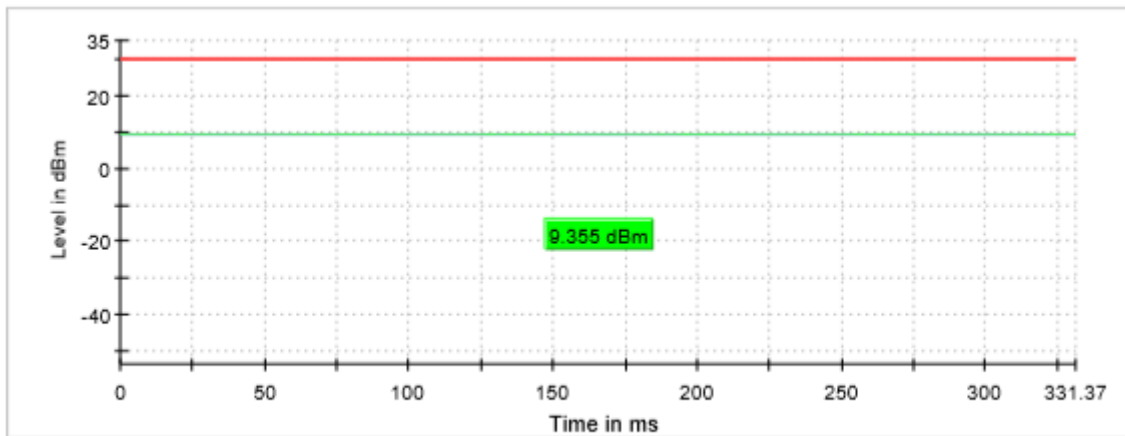
Port 2

Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 9.4 | 9.3 | 8.7 |
| Maximum EIRP power(dBm) | 13.9 | 13.8 | 13.2 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

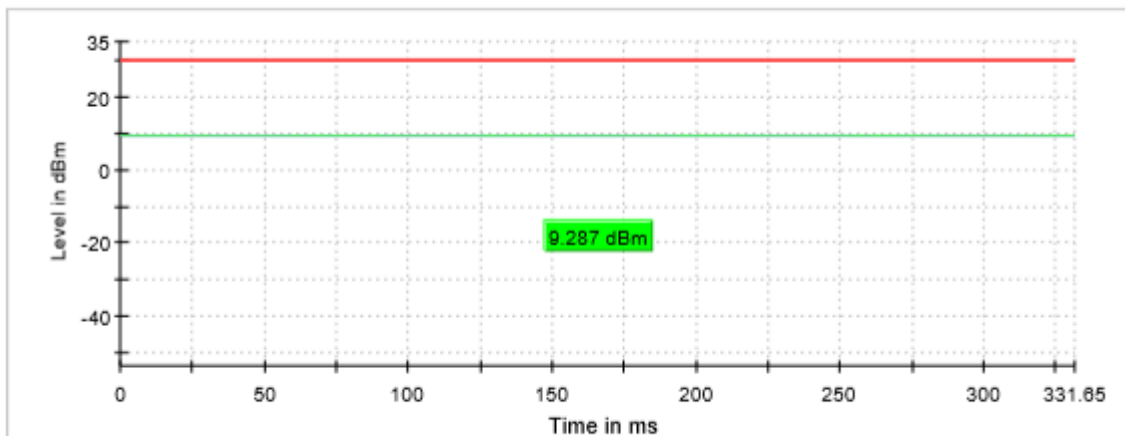
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



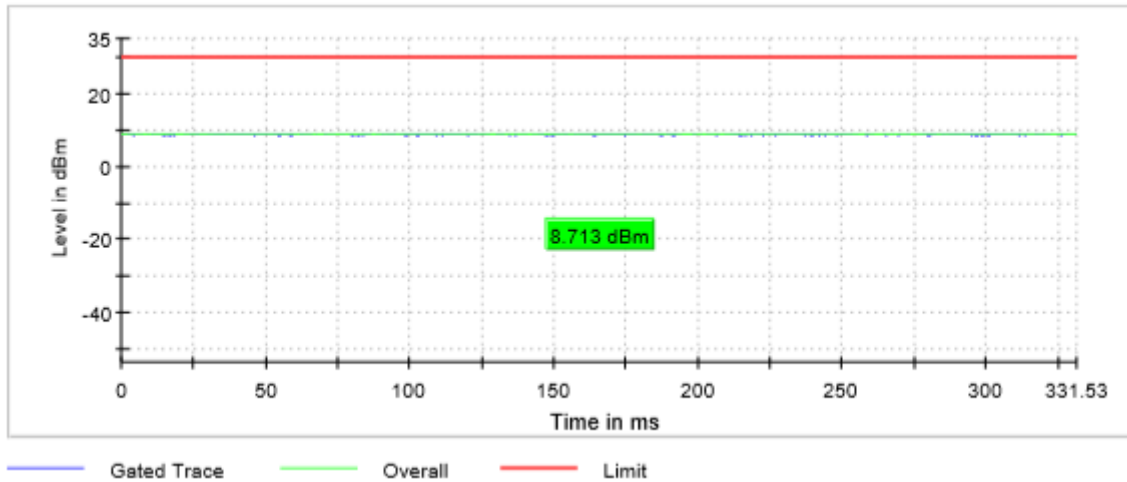
— Gated Trace — Overall — Limit

Middle Channel



— Gated Trace — Overall — Limit

Highest Channel



| | |
|---------------------------------|----------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#01 (a mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

Port 4

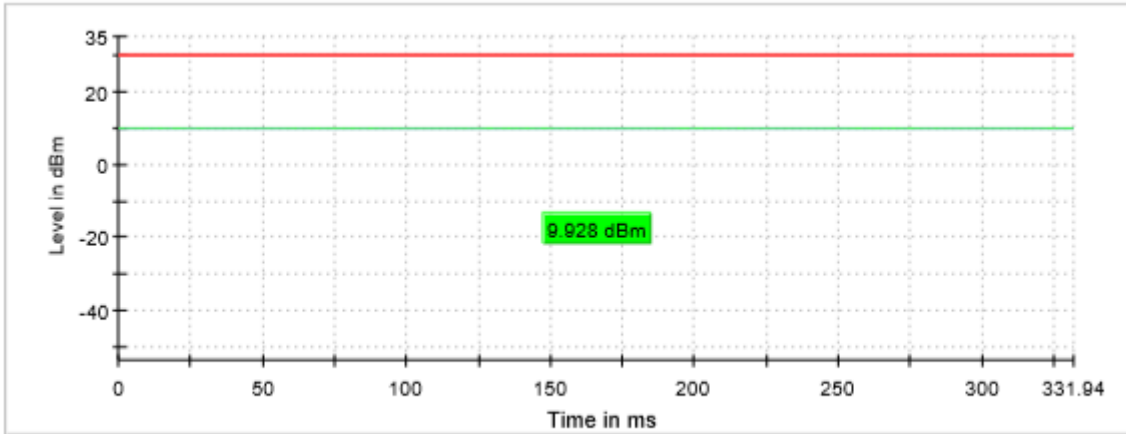
Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 9.9 | 9.4 | 8.4 |
| Maximum EIRP power(dBm) | 14.4 | 13.9 | 12.9 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

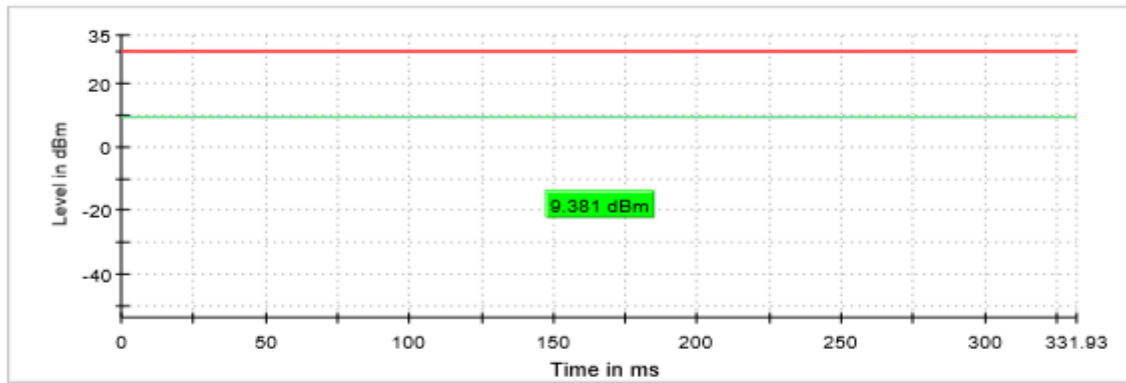
CONDUCTED OUTPUT POWER

Lowest Channel



— Gated Trace — Overall — Limit

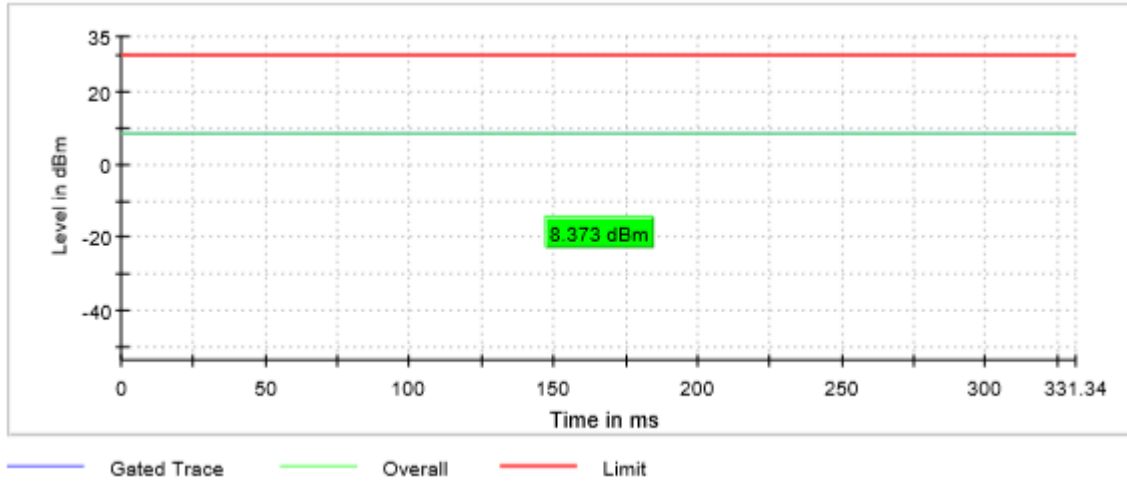
Middle Channel



— Gated Trace — Overall — Limit

TEST RESULTS (Cont.):

Highest Channel



| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

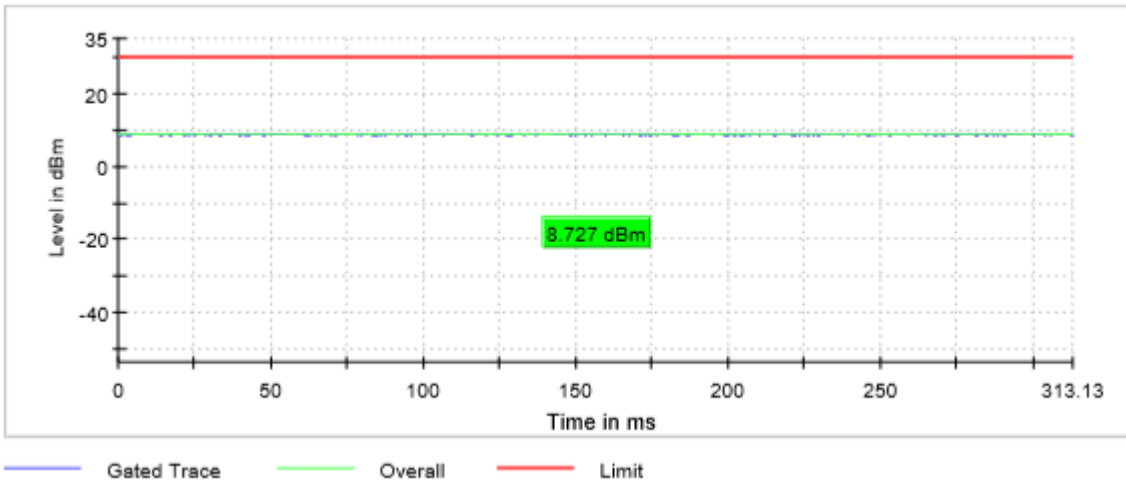
Port 2

Maximum declared antenna gain: 4.5 dBi

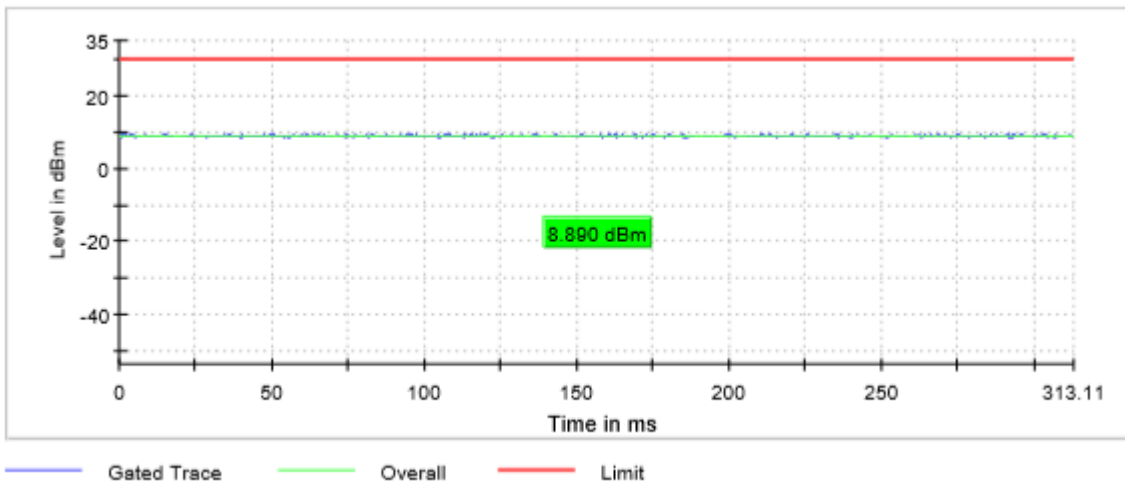
| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Maximum conducted power(dBm) | 8.7 | 8.9 | 8.4 |
| Maximum EIRP power(dBm) | 13.2 | 13.4 | 12.9 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

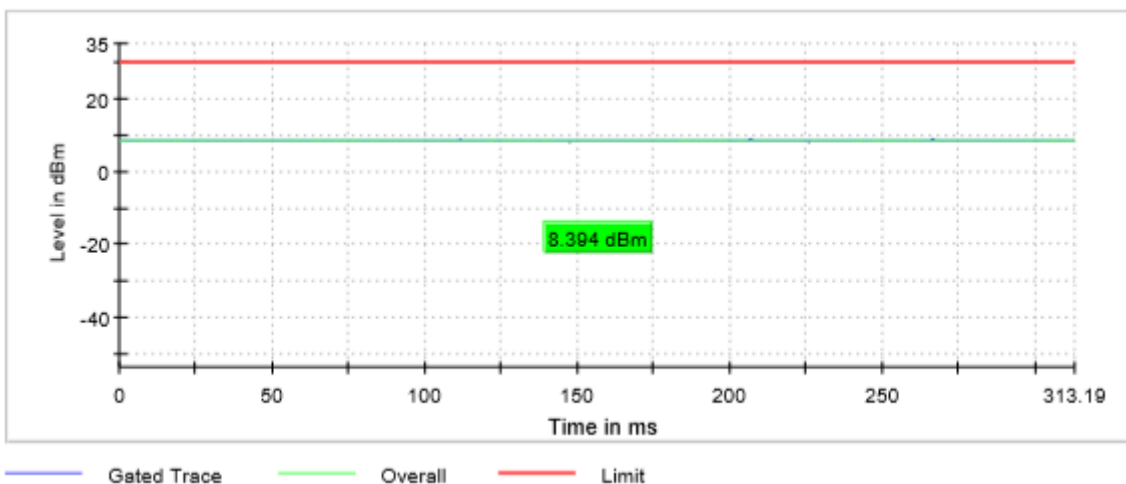
Lowest Channel



Middle Channel



Highest Channel



| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

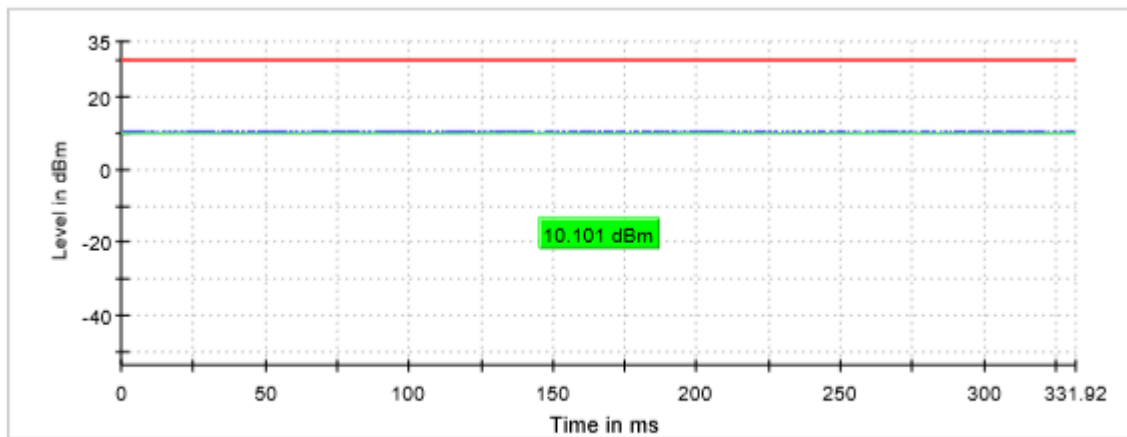
Port 4

Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 10.1 | 9.6 | 9.1 |
| Maximum EIRP power(dBm) | 14.6 | 14.1 | 13.6 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

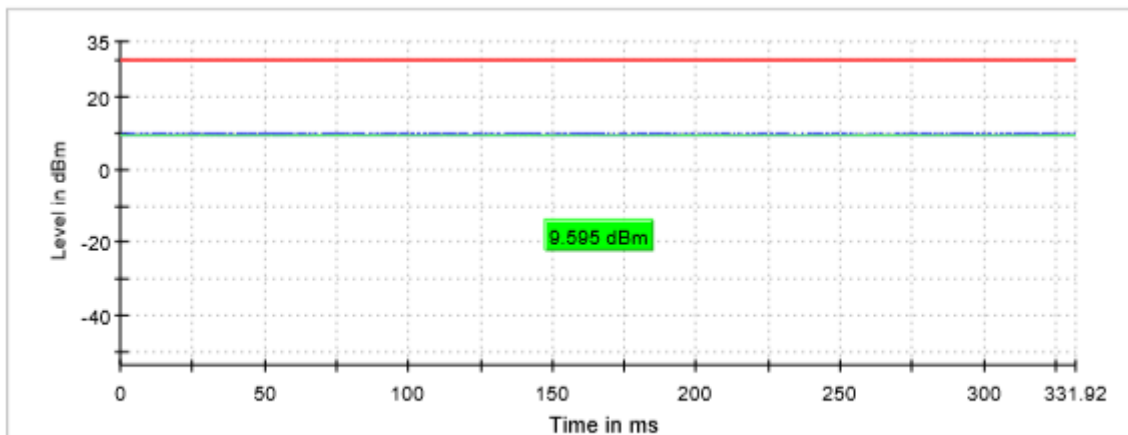
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Gated Trace — Overall — Limit

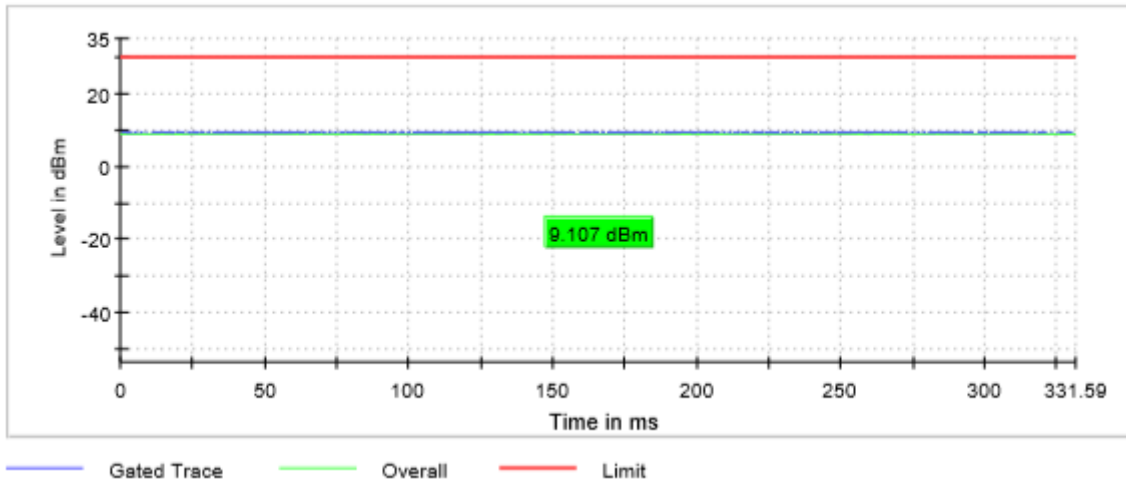
Middle Channel



— Gated Trace — Overall — Limit

TEST RESULTS (Cont.):

Highest Channel



| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

Port 1 & 2

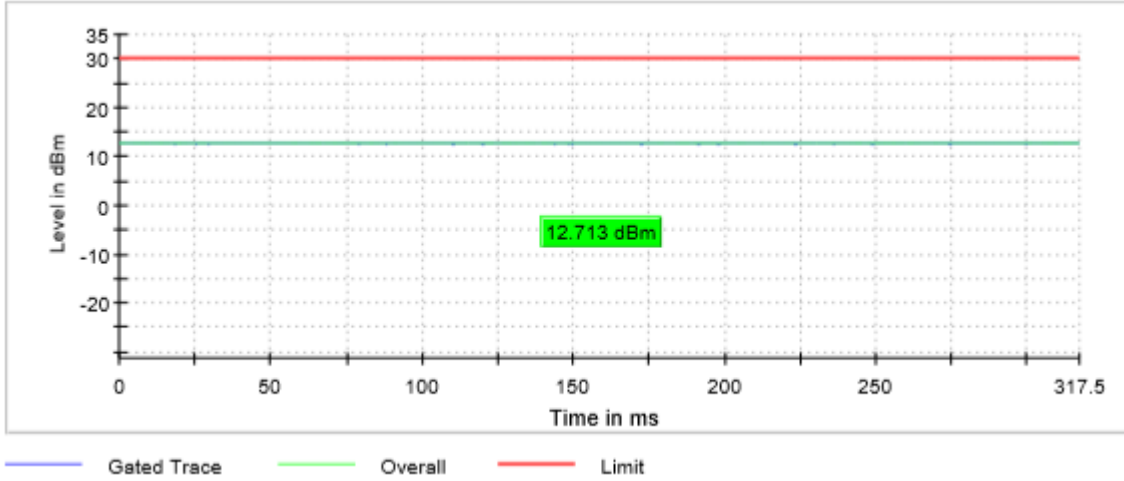
Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 12.7 | 12.9 | 11.7 |
| Maximum EIRP power(dBm) | 17.2 | 17.4 | 16.2 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

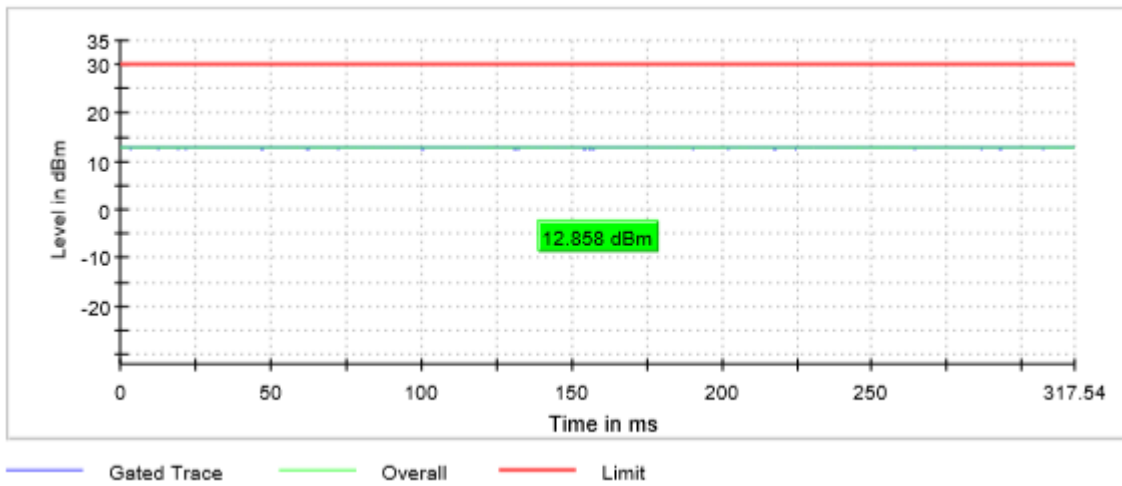
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

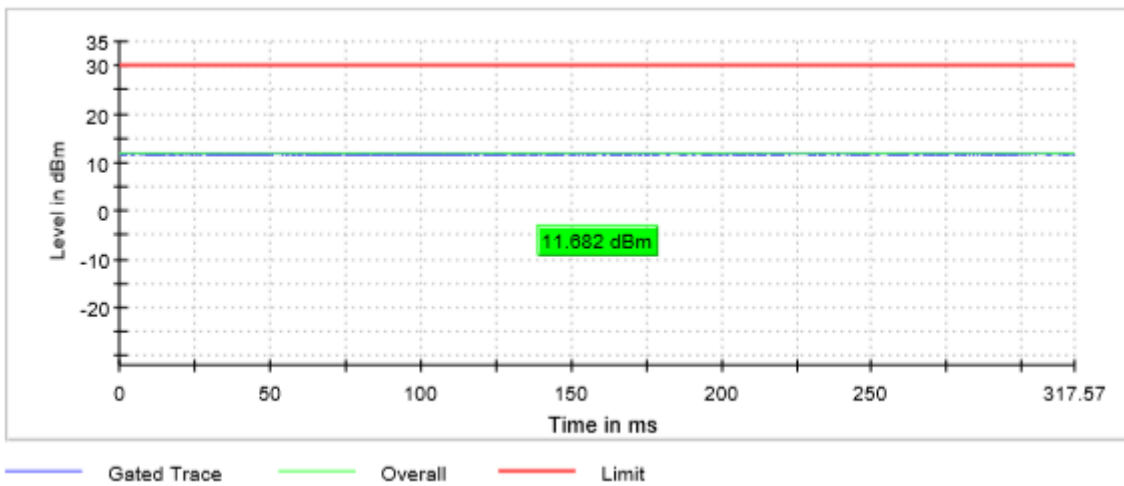
Lowest Channel



Middle Channel



Highest Channel



| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

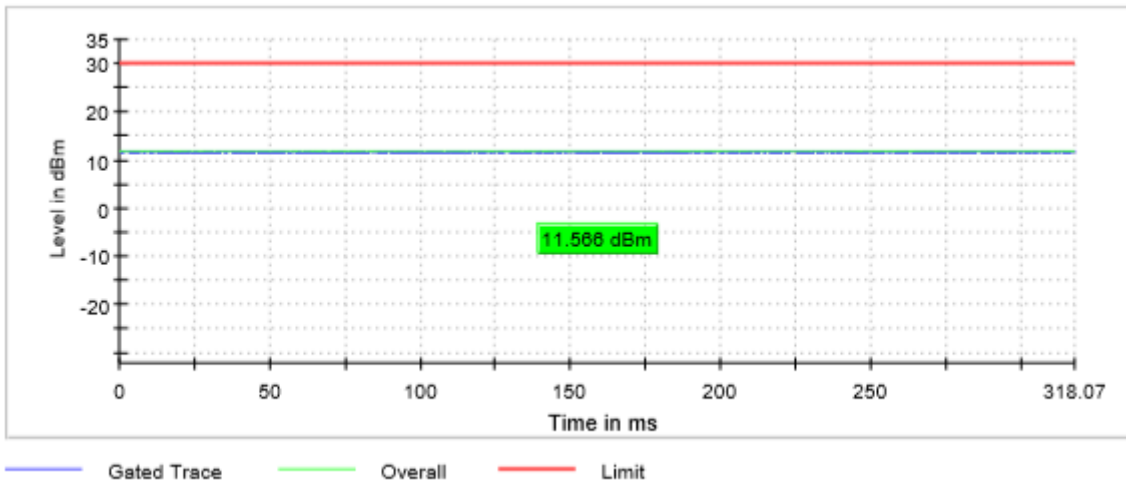
Port 3 & 4

Maximum declared antenna gain: 4.5 dBi

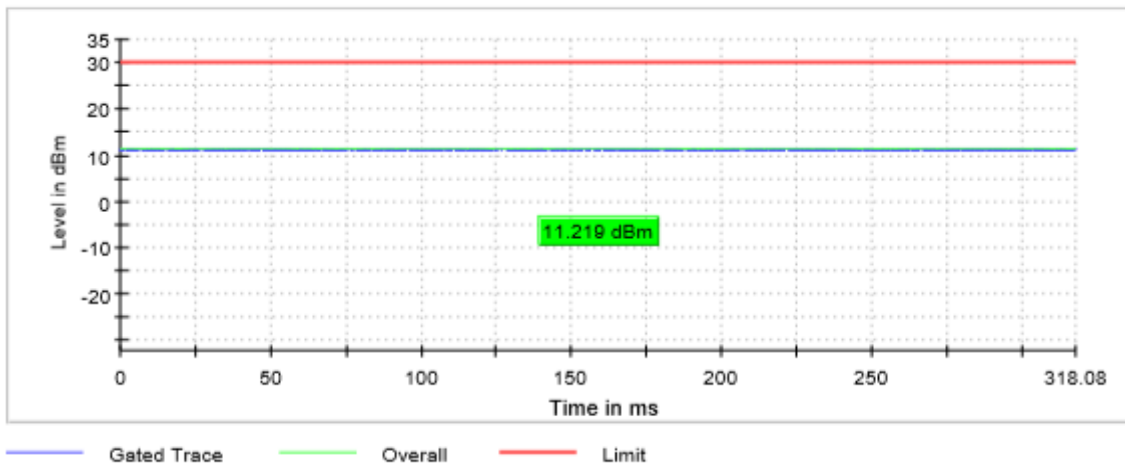
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 11.6 | 11.2 | 11.0 |
| Maximum EIRP power(dBm) | 16.1 | 15.7 | 15.5 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel

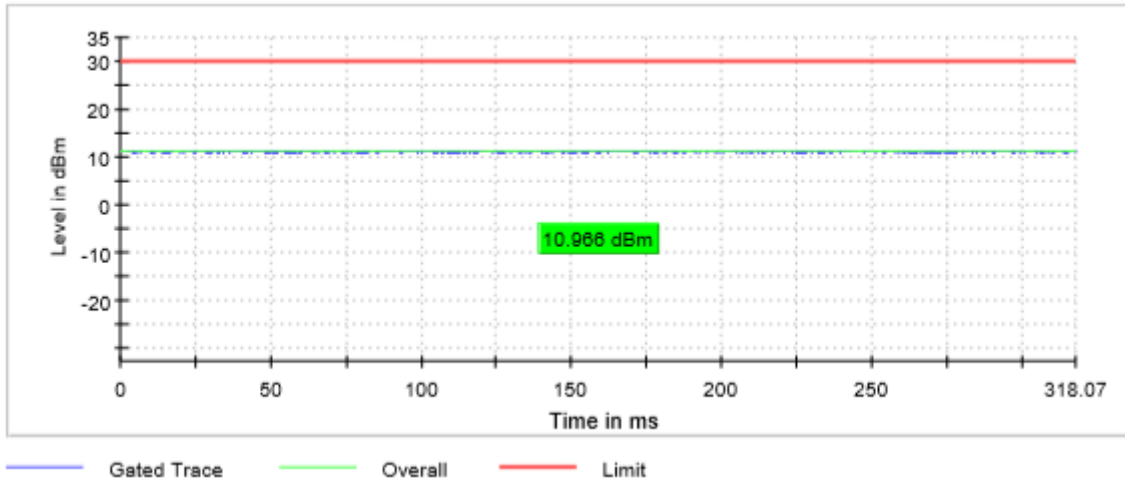


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

Port 2

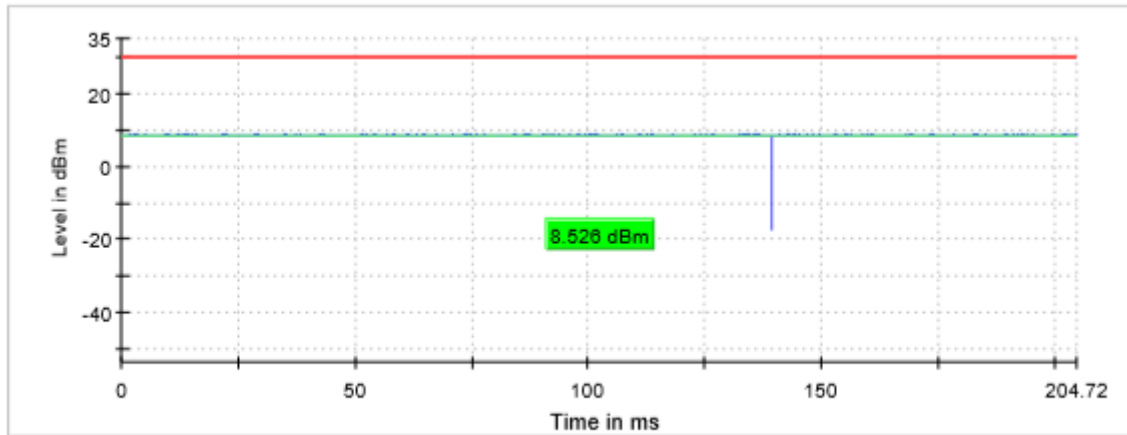
Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 8.5 | 8.2 |
| Maximum EIRP power(dBm) | 13.0 | 12.7 |
| Measurement uncertainty (kHz) | <± 0.78 | |

TEST RESULTS (Cont.):

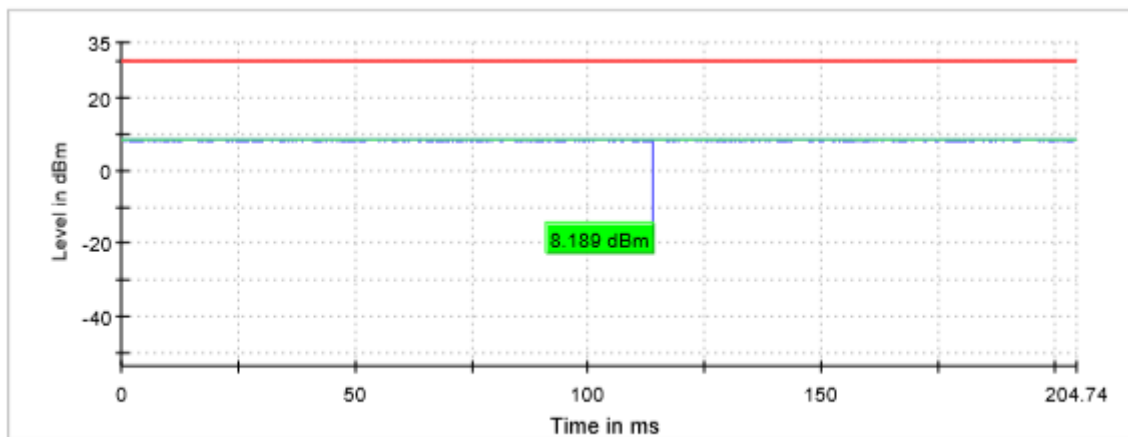
CONDUCTED OUTPUT POWER

Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

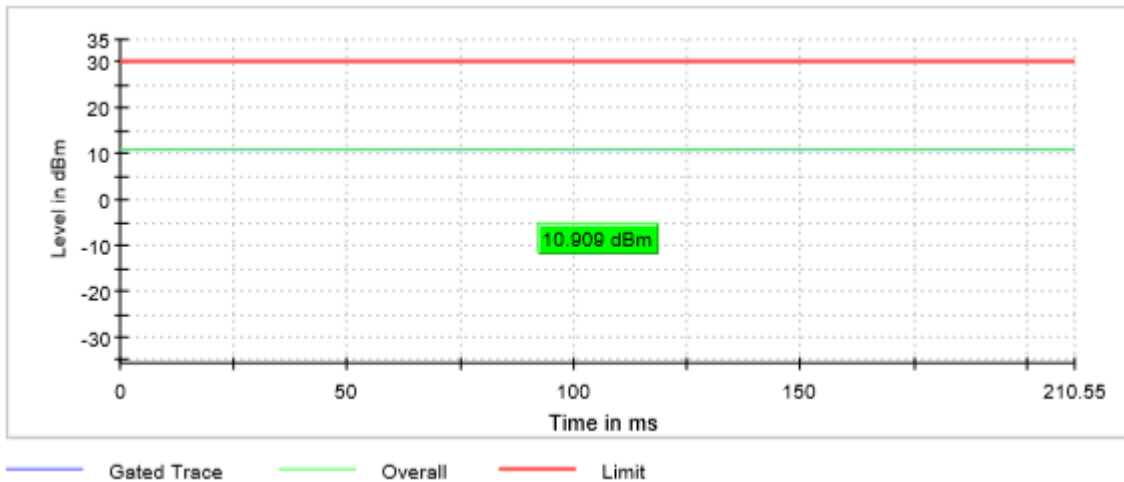
Port 4

Maximum declared antenna gain: 4.5 dBi

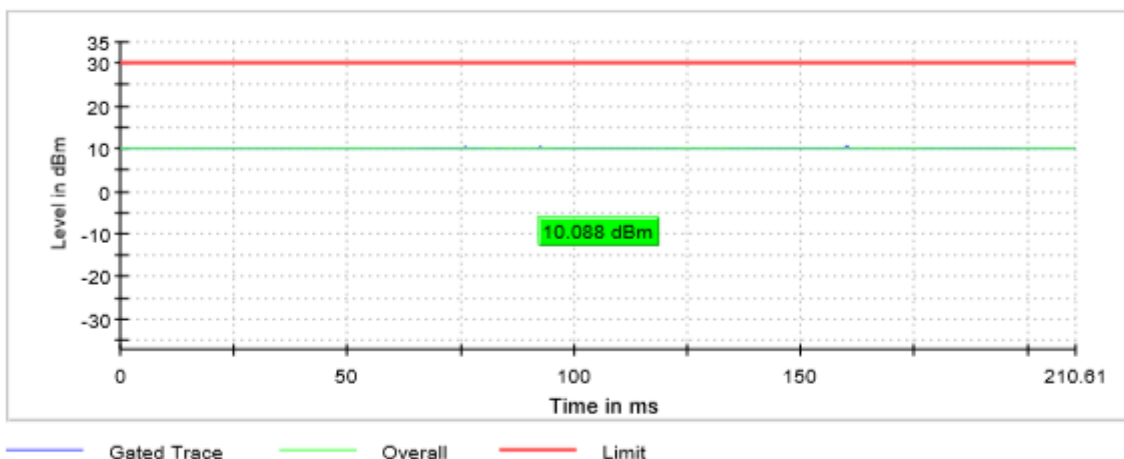
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 10.9 | 10.1 |
| Maximum EIRP power(dBm) | 15.4 | 14.6 |
| Measurement uncertainty (kHz) | $<\pm 0.78$ | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



Highest Channel



| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

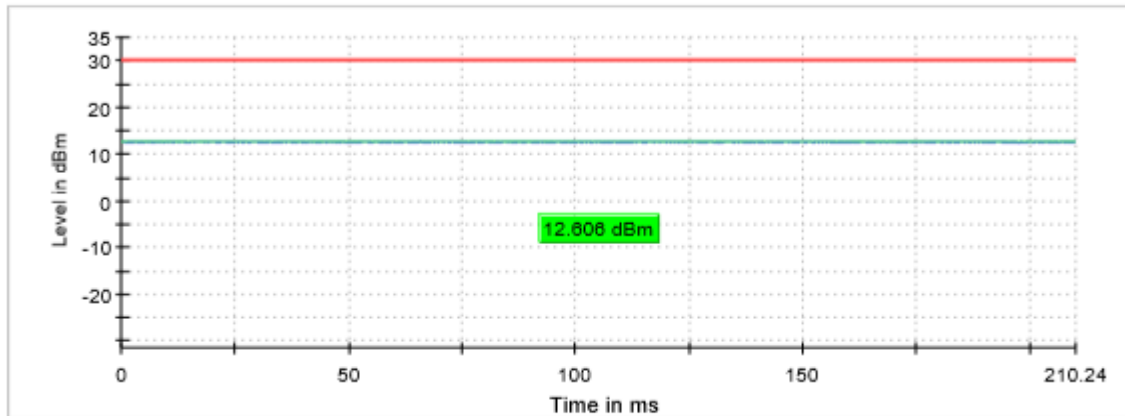
Port 1 & 2

Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 12.6 | 12.4 |
| Maximum EIRP power(dBm) | 17.1 | 16.9 |
| Measurement uncertainty (kHz) | $<\pm 0.78$ | |

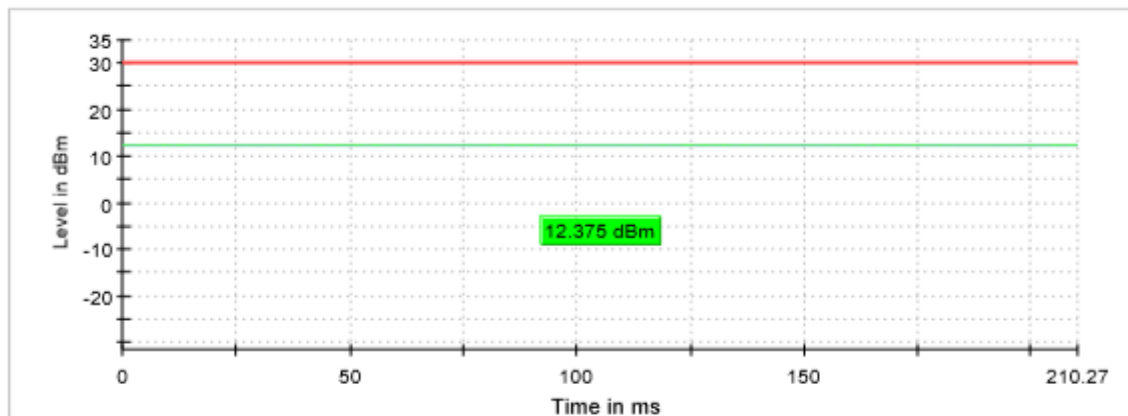
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

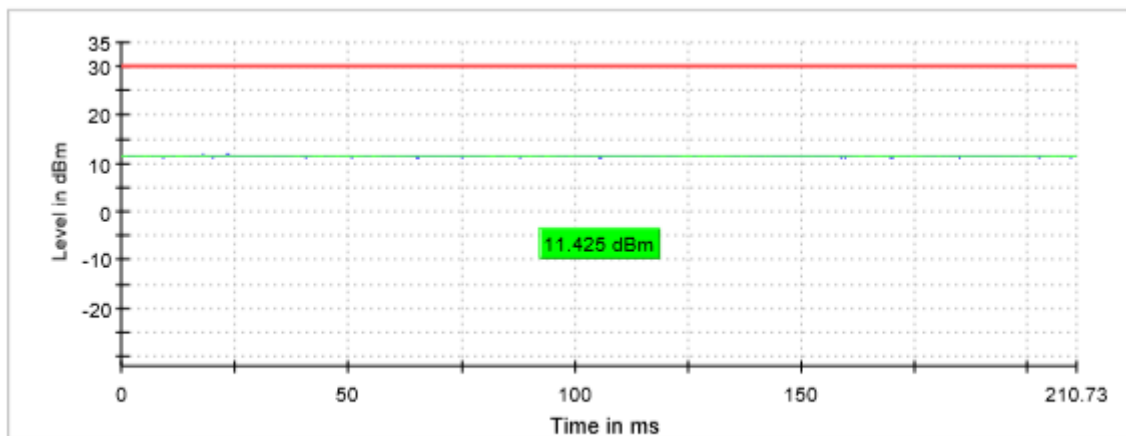
Port 3 & 4

Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 11.4 | 11.3 |
| Maximum EIRP power(dBm) | 15.9 | 15.8 |
| Measurement uncertainty (kHz) | $<\pm 0.78$ | |

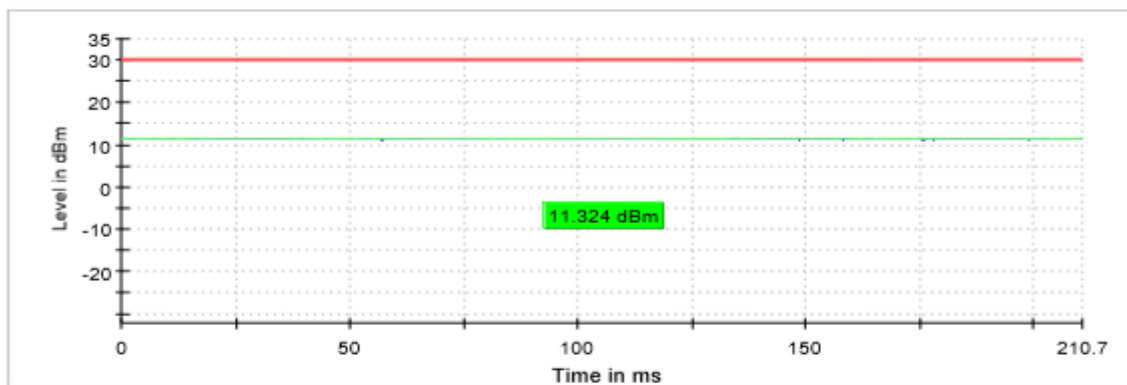
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

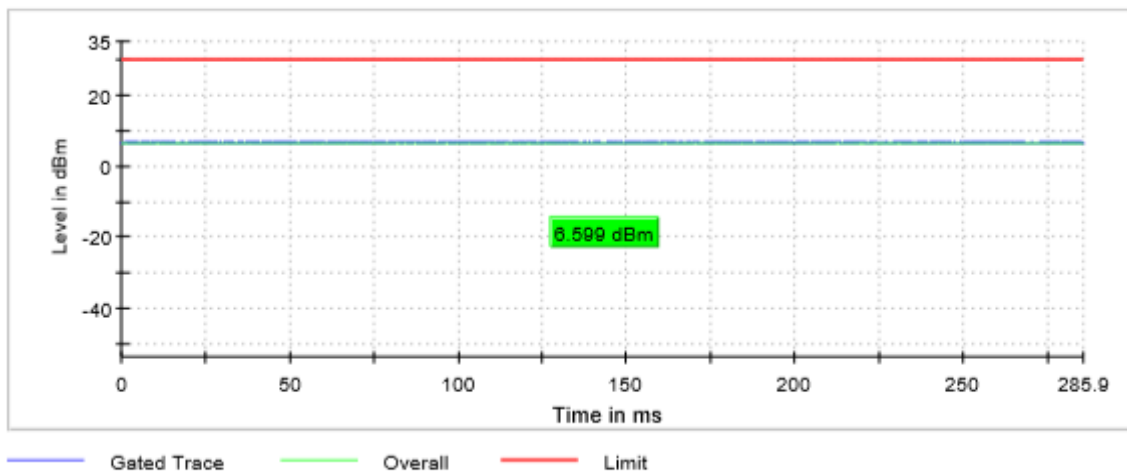
Port 2

Maximum declared antenna gain: 4.5 dBi

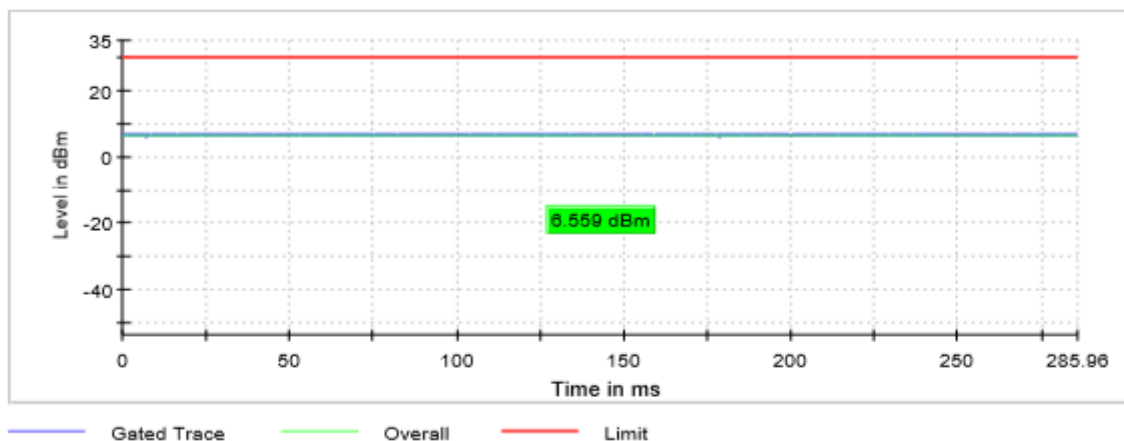
| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Maximum conducted power(dBm) | 6.6 | 6.6 | 6.2 |
| Maximum EIRP power(dBm) | 11.1 | 11.1 | 10.7 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel

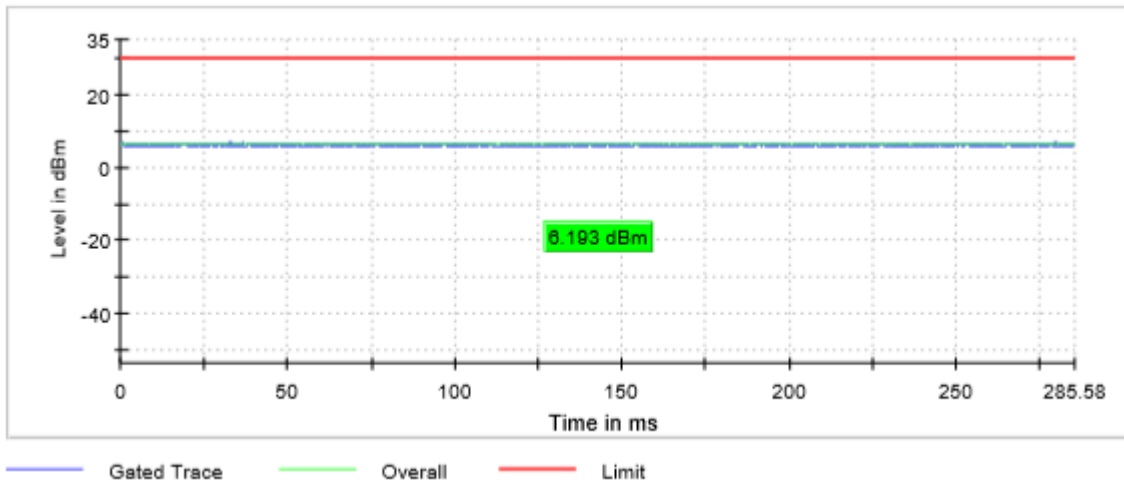


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

Port 4

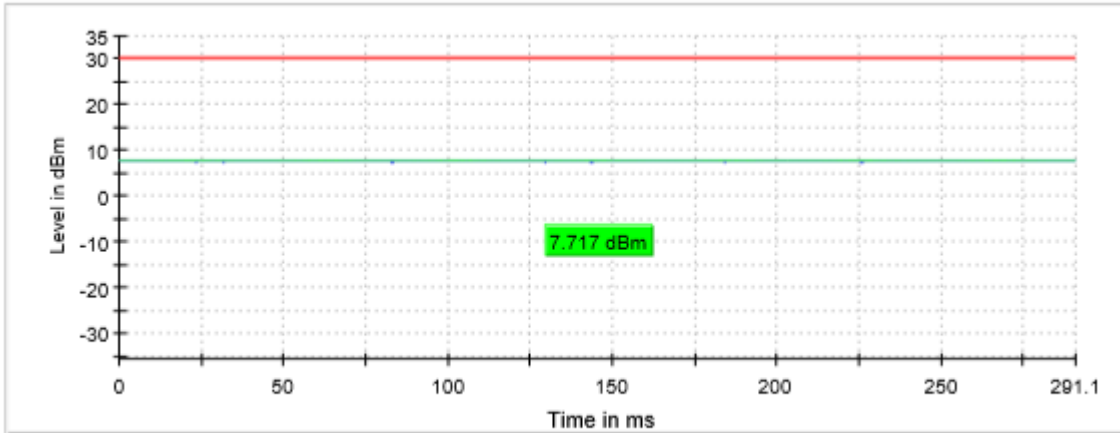
Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 7.7 | 7.3 | 7.4 |
| Maximum EIRP power(dBm) | 12.2 | 11.8 | 11.9 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

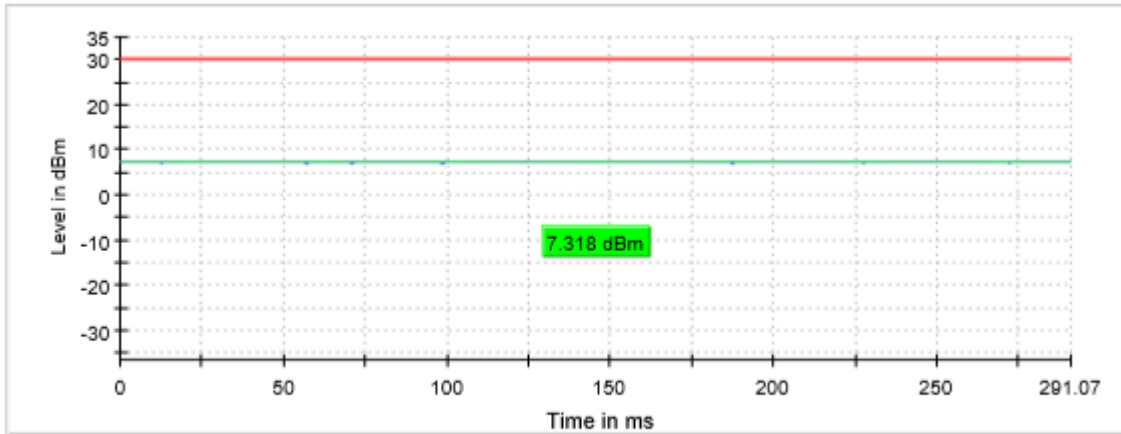
CONDUCTED OUTPUT POWER

Lowest Channel



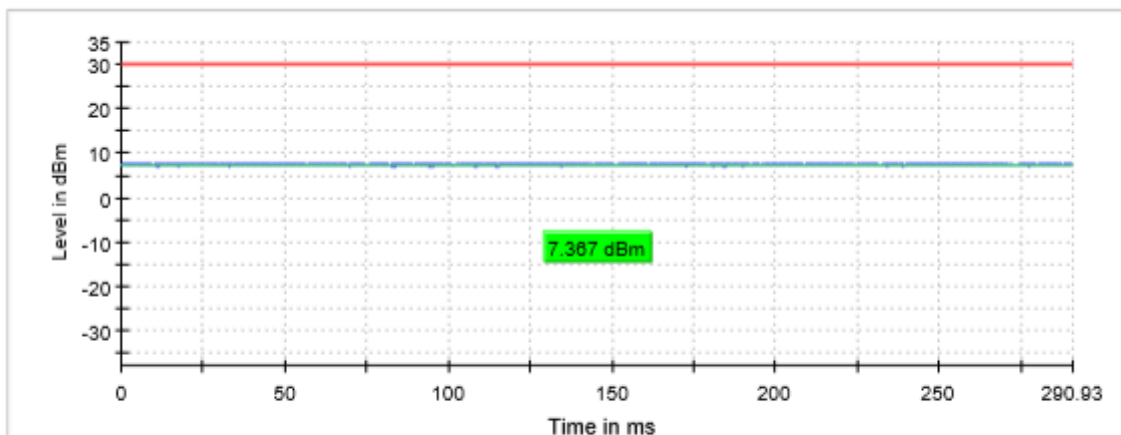
— Gated Trace — Overall — Limit

Middle Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

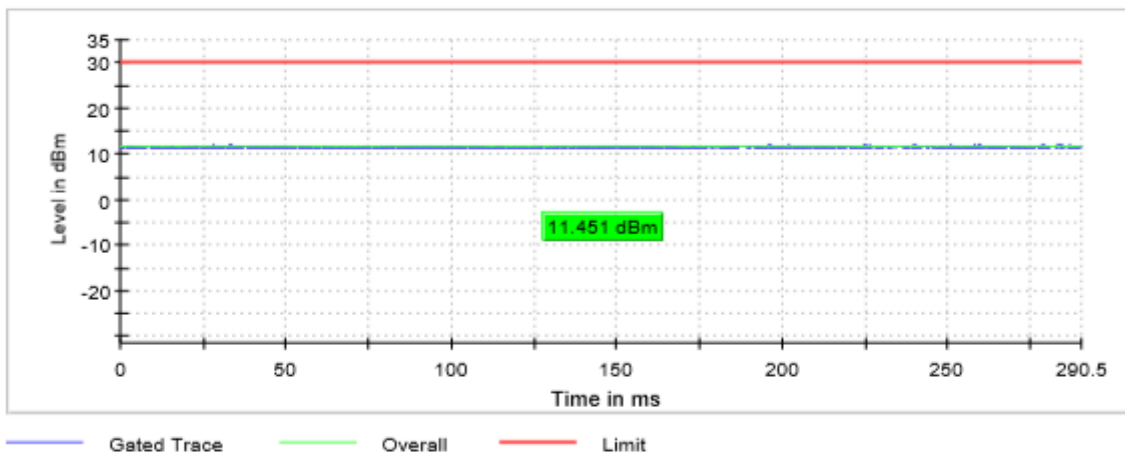
Port 1 & 2

Maximum declared antenna gain: 4.5 dBi

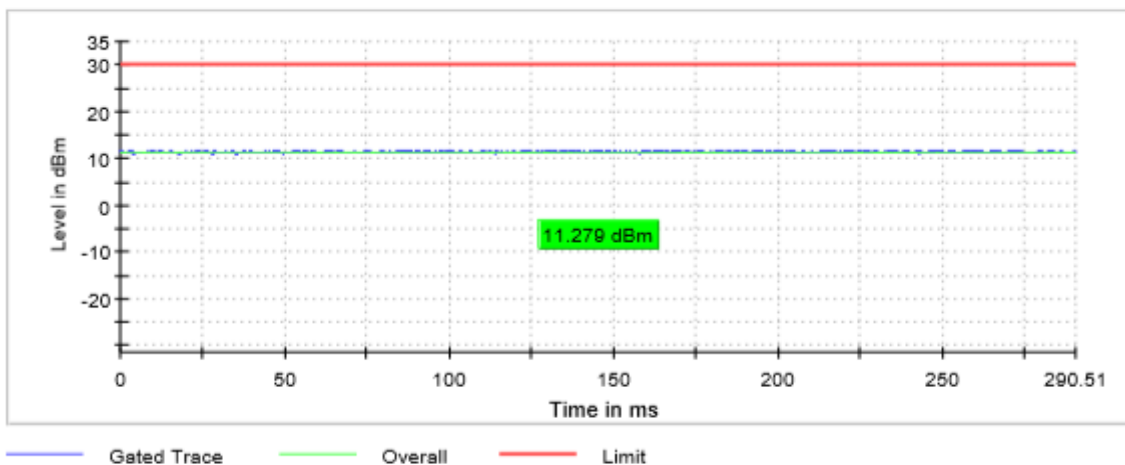
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 11.5 | 11.3 | 11.2 |
| Maximum EIRP power(dBm) | 16.0 | 15.8 | 15.7 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel

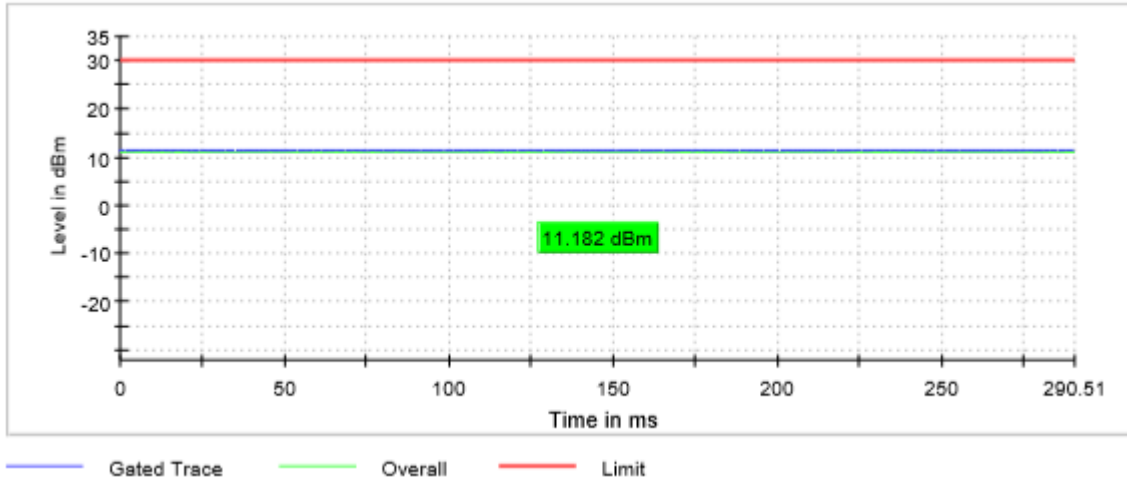


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

Port 3 & 4

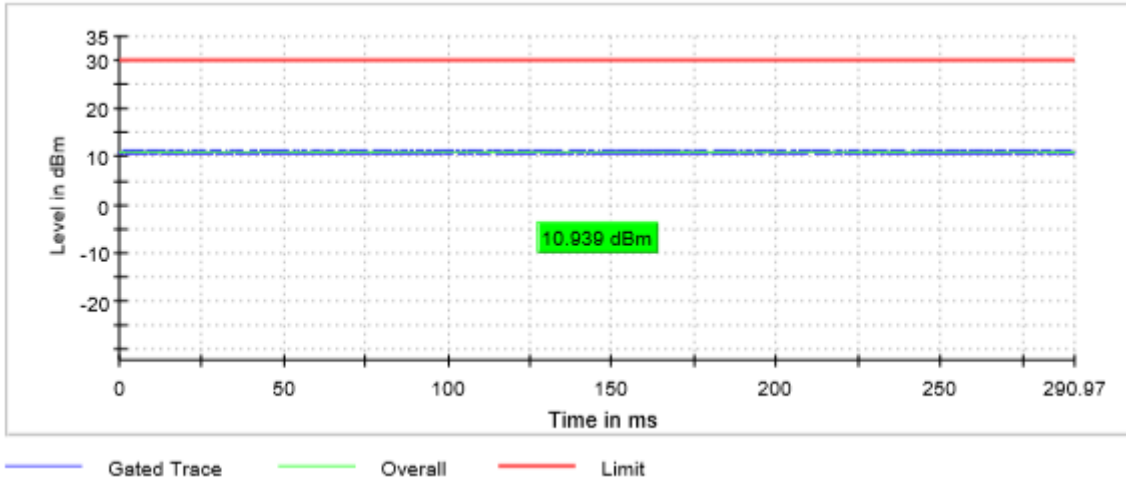
Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 10.9 | 10.5 | 10.3 |
| Maximum EIRP power(dBm) | 15.4 | 15.0 | 14.8 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

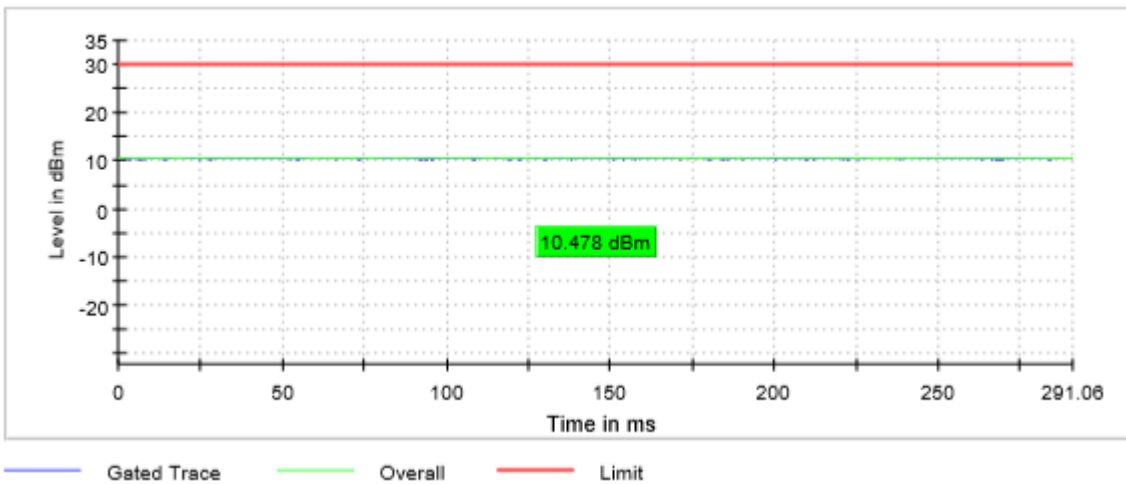
TEST RESULTS (Cont.):

CONDUCTED OUTPUT POWER

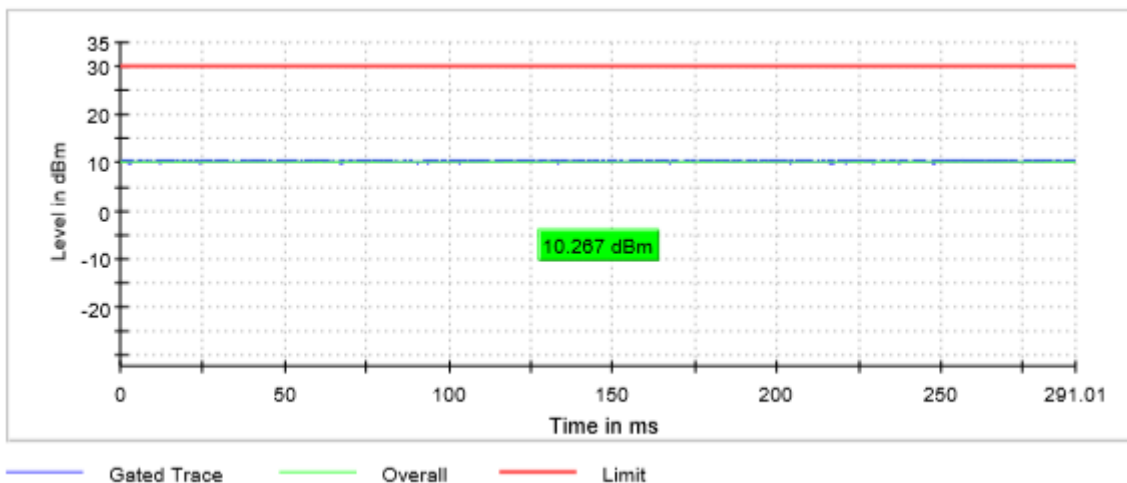
Lowest Channel



Middle Channel



Highest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

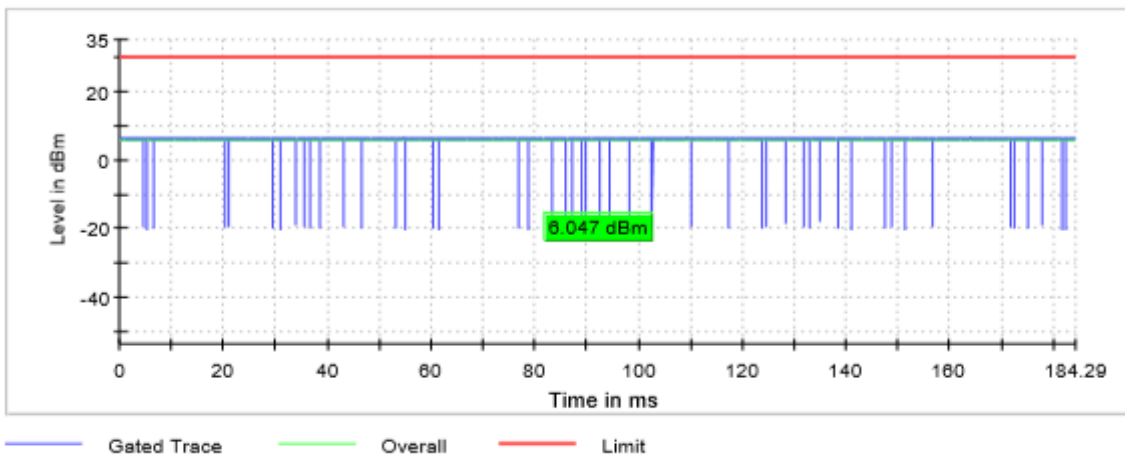
Port 2

Maximum declared antenna gain: 4.5 dBi

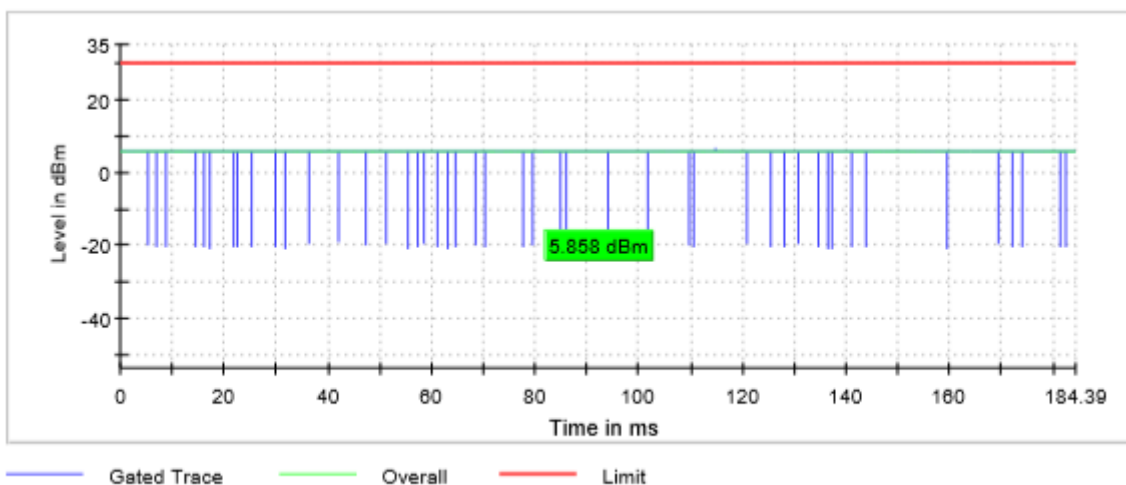
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 6.0 | 5.9 |
| Maximum EIRP power(dBm) | 10.5 | 10.4 |
| Measurement uncertainty (kHz) | <± 0.78 | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



Highest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

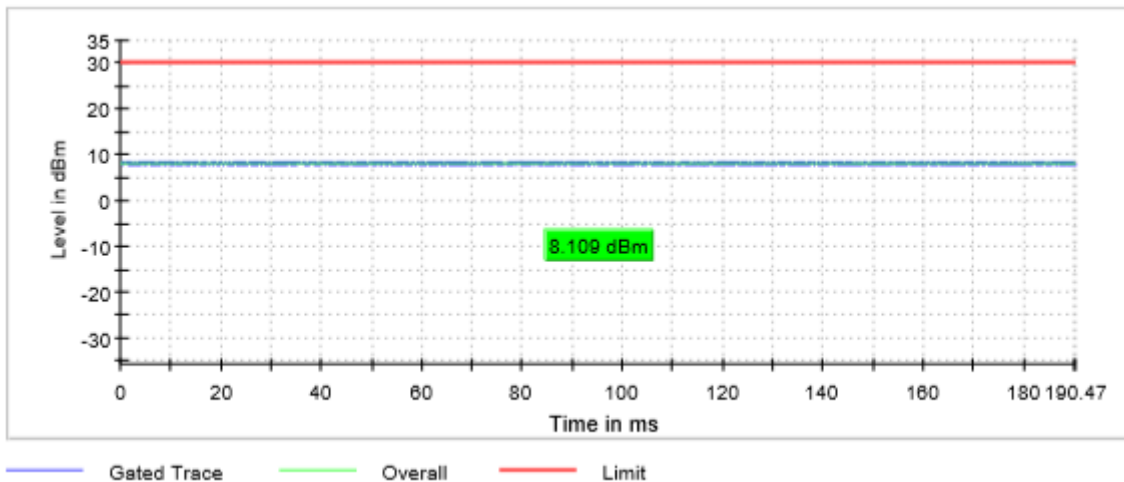
Port 4

Maximum declared antenna gain: 4.5 dBi

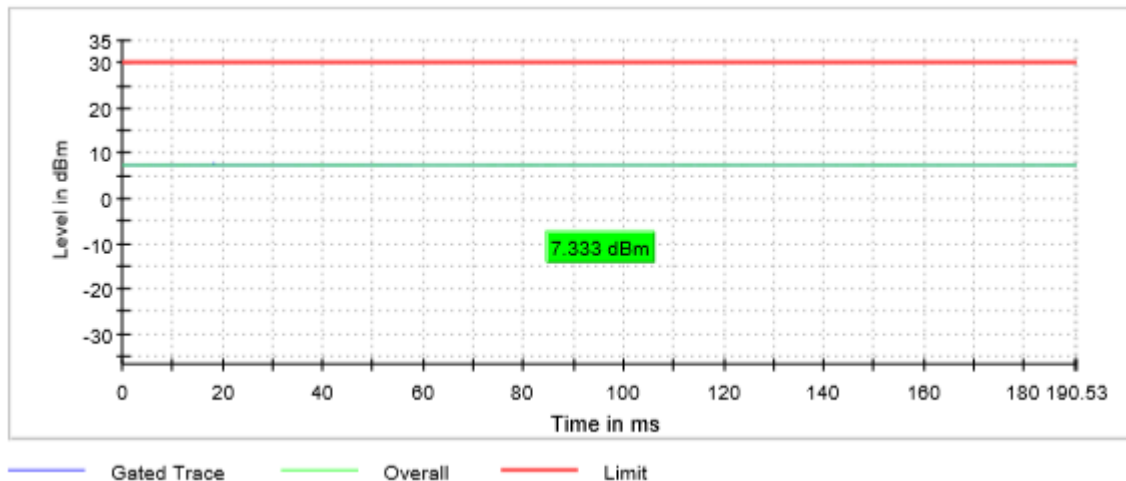
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 8.1 | 7.3 |
| Maximum EIRP power(dBm) | 12.6 | 11.8 |
| Measurement uncertainty (kHz) | $<\pm 0.78$ | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



Highest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

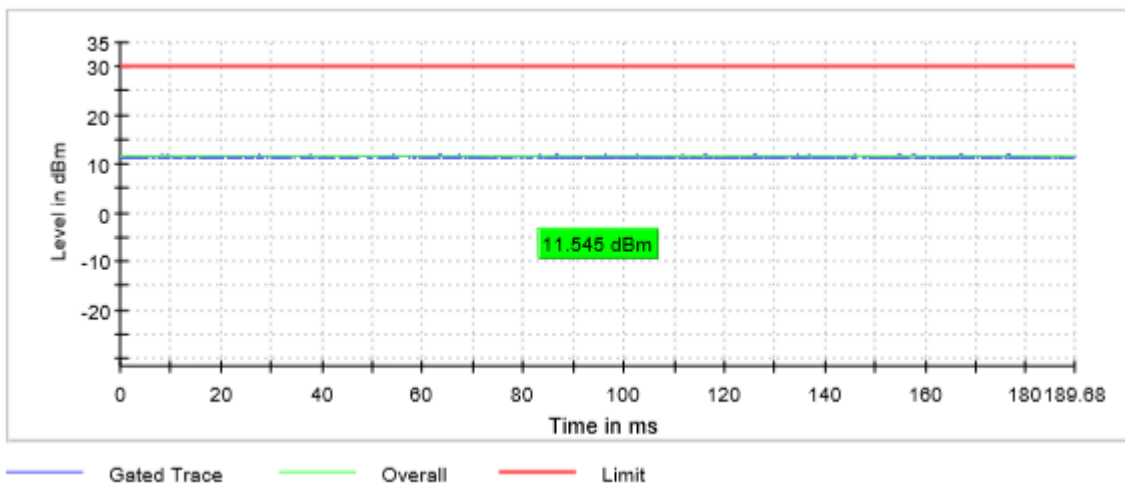
Port 1 & 2

Maximum declared antenna gain: 4.5 dBi

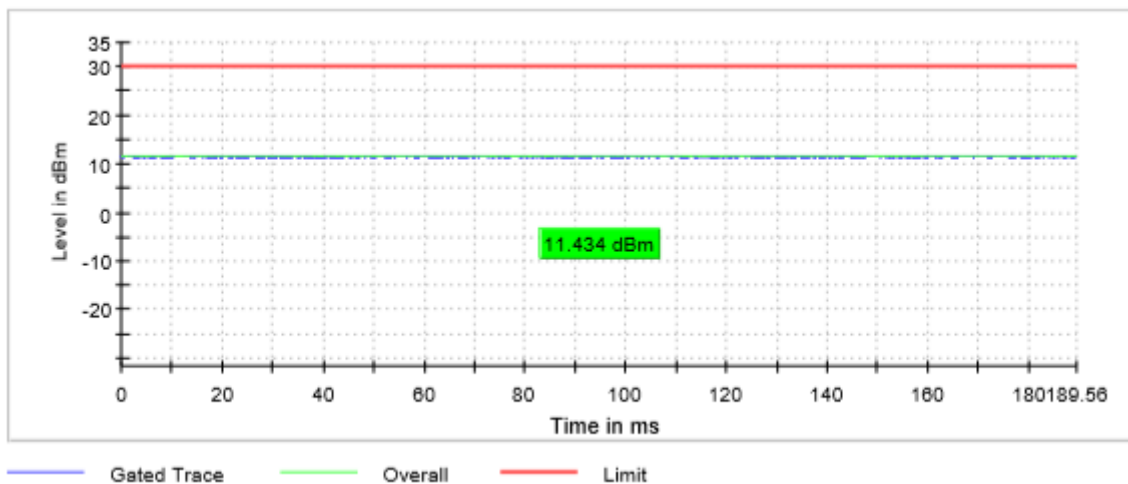
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 11.5 | 11.4 |
| Maximum EIRP power(dBm) | 16.0 | 15.9 |
| Measurement uncertainty (kHz) | <± 0.78 | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



Highest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

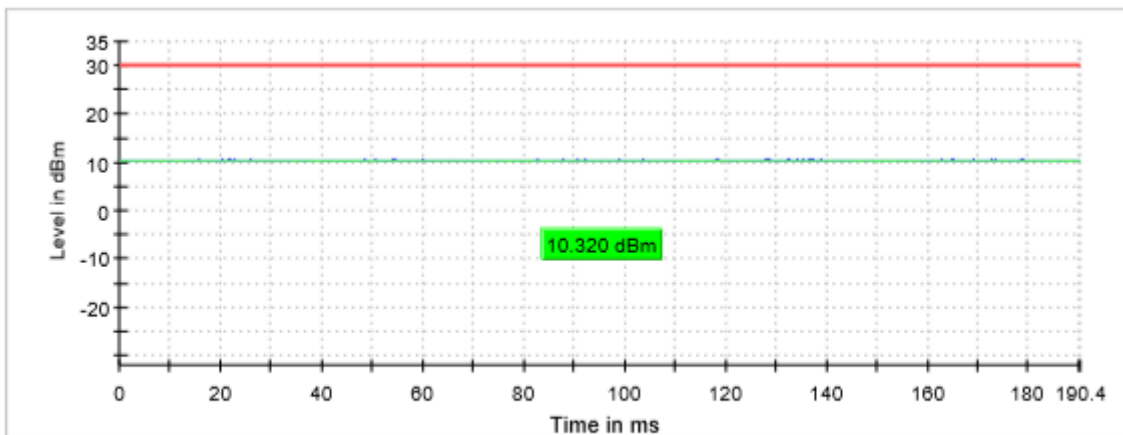
Port 3 & 4

Maximum declared antenna gain: 4.5 dBi

| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
|-------------------------------|------------------------------|-------------------------------|
| Maximum conducted power(dBm) | 10.3 | 10.3 |
| Maximum EIRP power(dBm) | 14.8 | 14.8 |
| Measurement uncertainty (kHz) | <± 0.78 | |

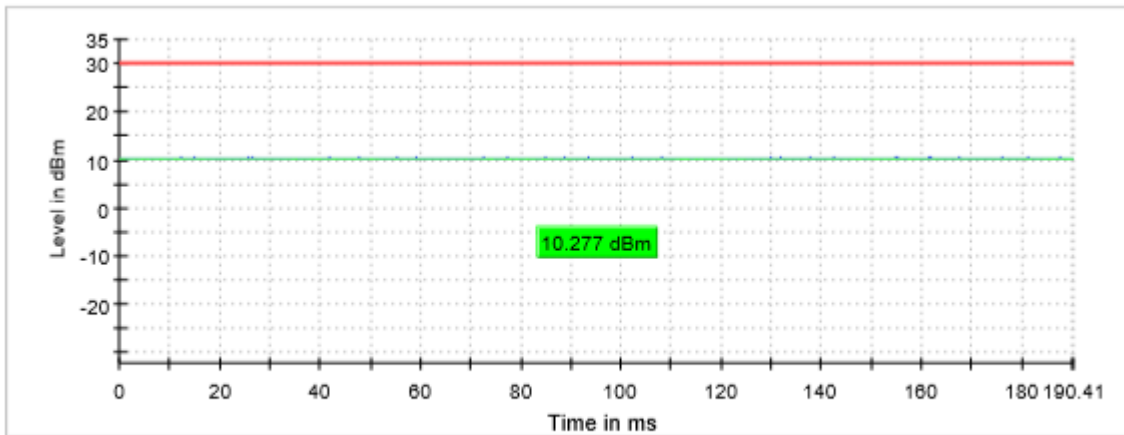
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

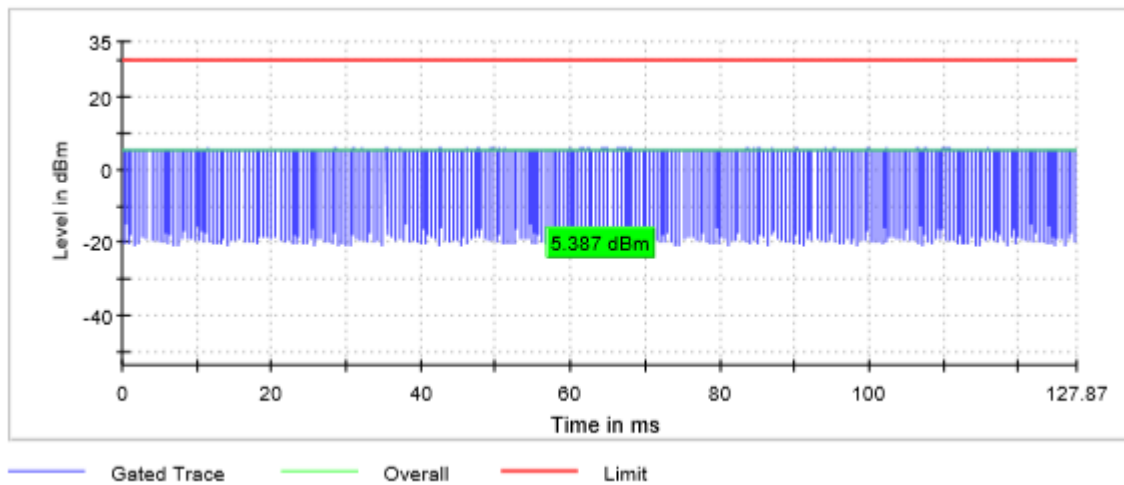
Port 2

Maximum declared antenna gain: 4.5 dBi

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Maximum conducted power(dBm) | 5.4 |
| Maximum EIRP power(dBm) | 9.9 |
| Measurement uncertainty (kHz) | <± 0.78 |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

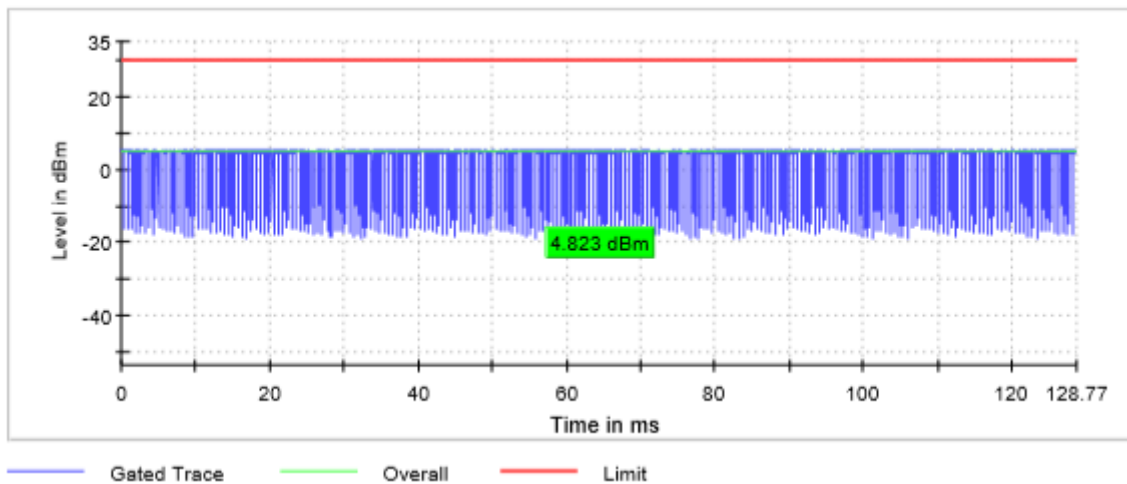
Port 4

Maximum declared antenna gain: 4.5 dBi

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Maximum conducted power(dBm) | 4.8 |
| Maximum EIRP power(dBm) | 9.3 |
| Measurement uncertainty (kHz) | <± 0.78 |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

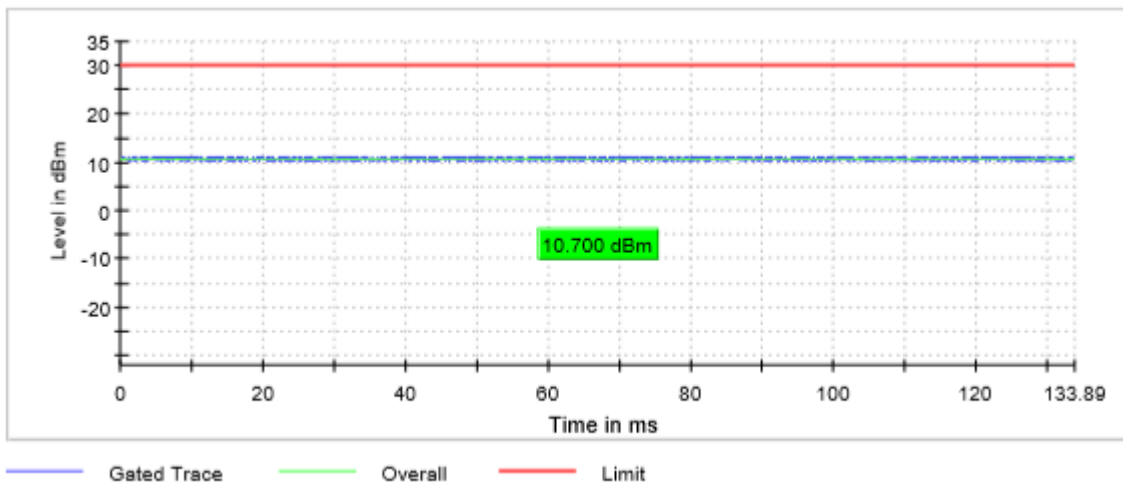
Port 1 & 2

Maximum declared antenna gain: 4.5 dBi

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Maximum conducted power(dBm) | 10.7 |
| Maximum EIRP power(dBm) | 15.2 |
| Measurement uncertainty (kHz) | <± 0.78 |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

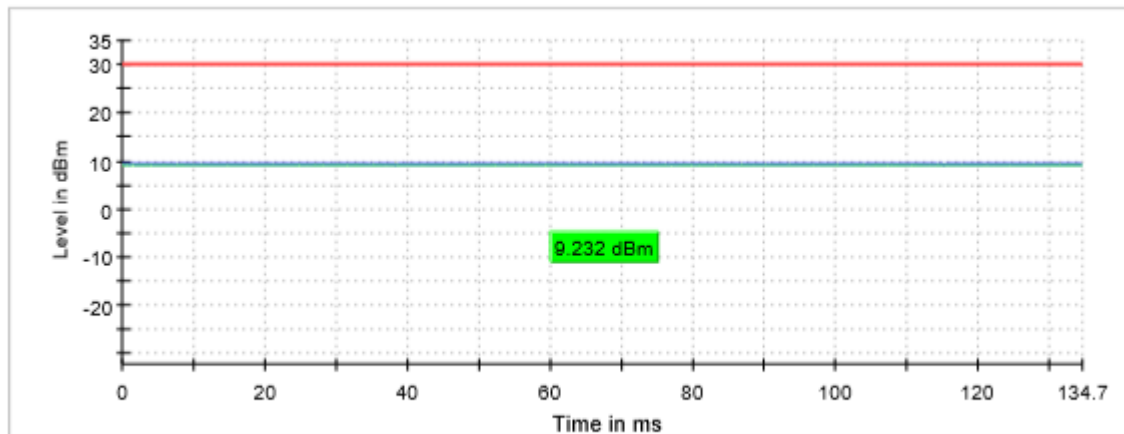
Port 3 & 4

Maximum declared antenna gain: 4.5 dBi

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Maximum conducted power(dBm) | 9.2 |
| Maximum EIRP power(dBm) | 13.7 |
| Measurement uncertainty (kHz) | <± 0.78 |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Gated Trace — Overall — Limit

TEST C.4: POWER SPECTRAL DENSITY

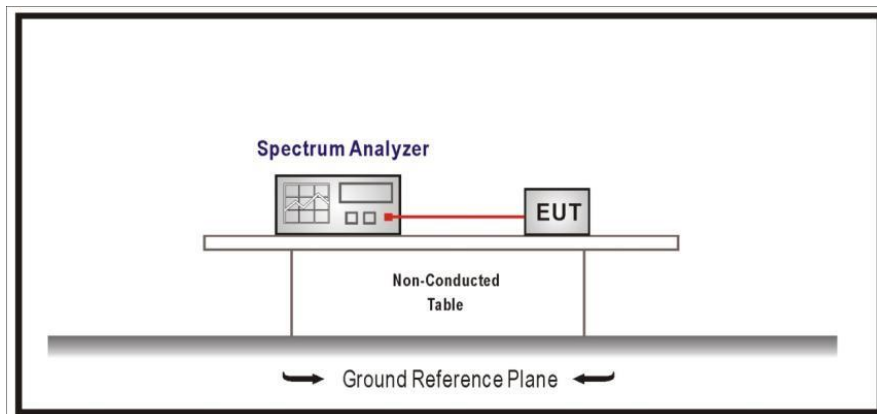
| | | |
|----------------|-------------------|--|
| LIMITS: | Product standard: | Part 15 Subpart C §15.407 and RSS-247 |
| | Test standard: | Part 15 Subpart C §15.407(a) (3) (5) and RSS-247 6.2.4.1 |

LIMITS

In the band 5.725- 5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST SETUP

For all modes, the maximum power spectral density level in the fundamental emission was measured using the method according to point F) (Method SA-1) of Guidance 789033 D02 General UNII Test Procedures New Rules v01.



| | |
|---------------------------------|----------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#01 (a mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

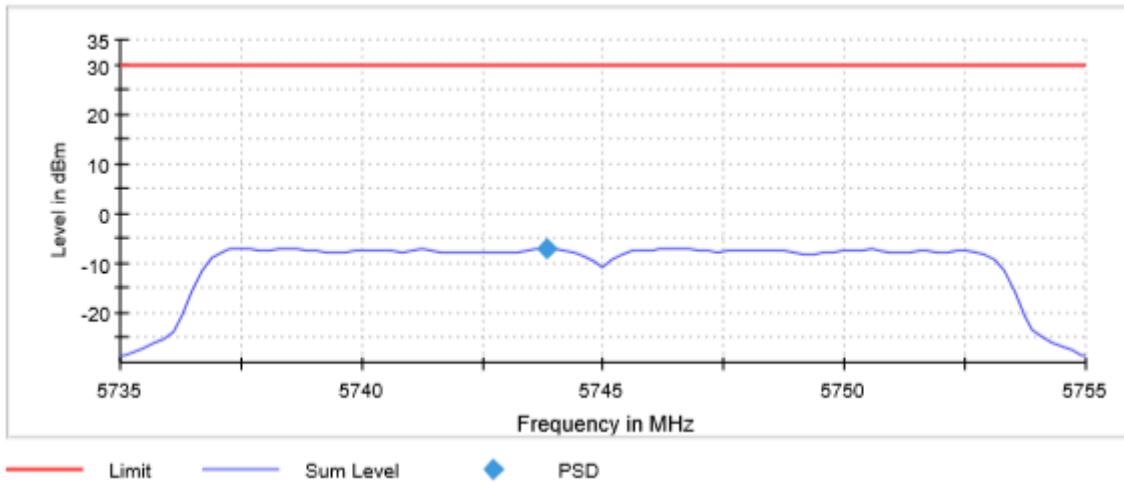
Port 2

Bandwidth: 20 MHz

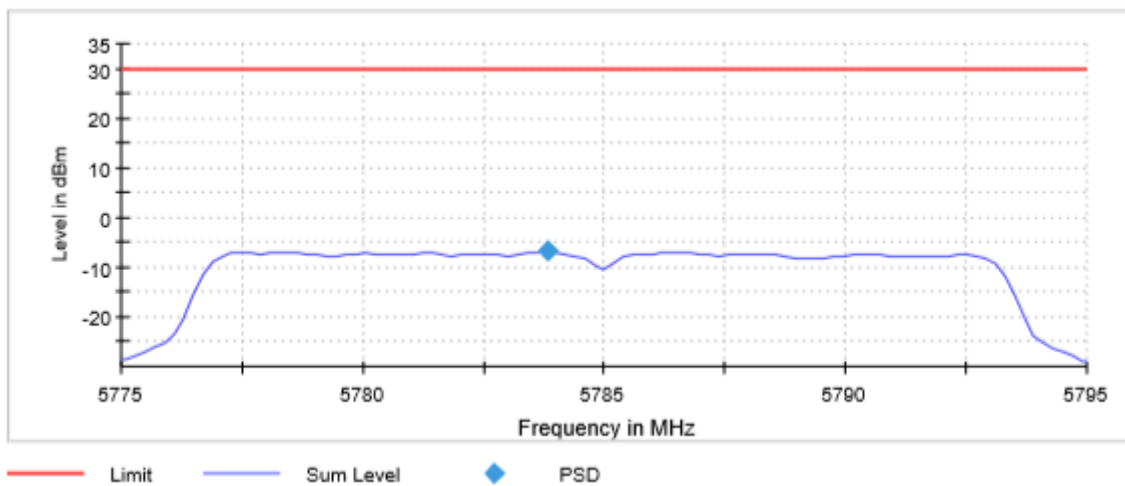
| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Power spectral density (dBm) | -7.067 | -6.909 | -7.585 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

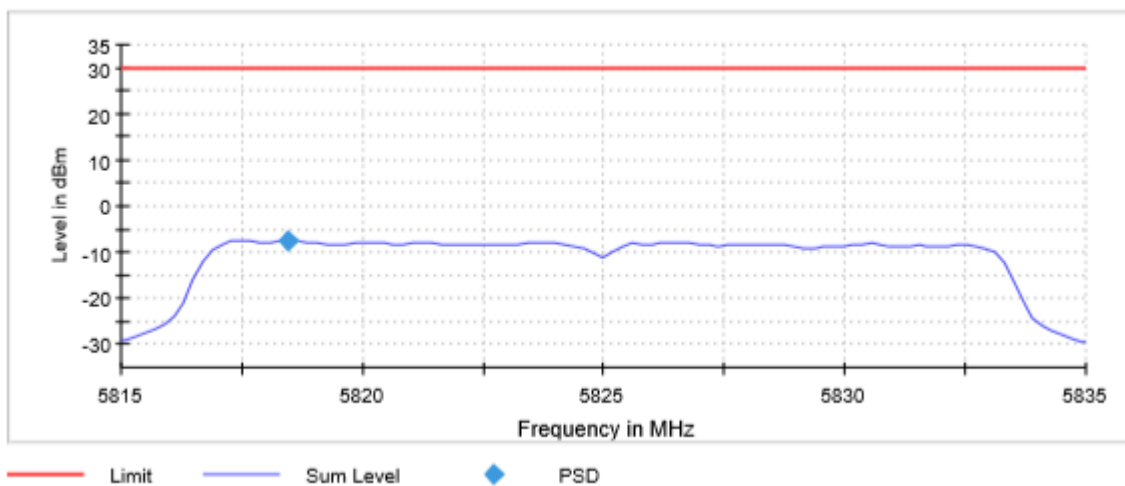
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 10.000 dBm | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.02 dB | 0.02 dB | 0.01 dB |

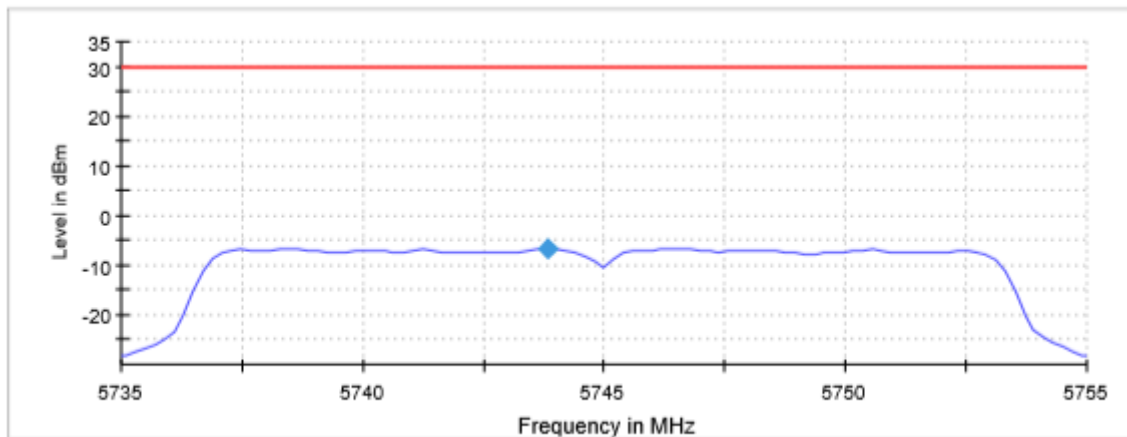
| | |
|---------------------------------|----------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#01 (a mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

Port 4
 Bandwidth: 20 MHz

| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Power spectral density (dBm) | -6.664 | -7.300 | -8.307 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

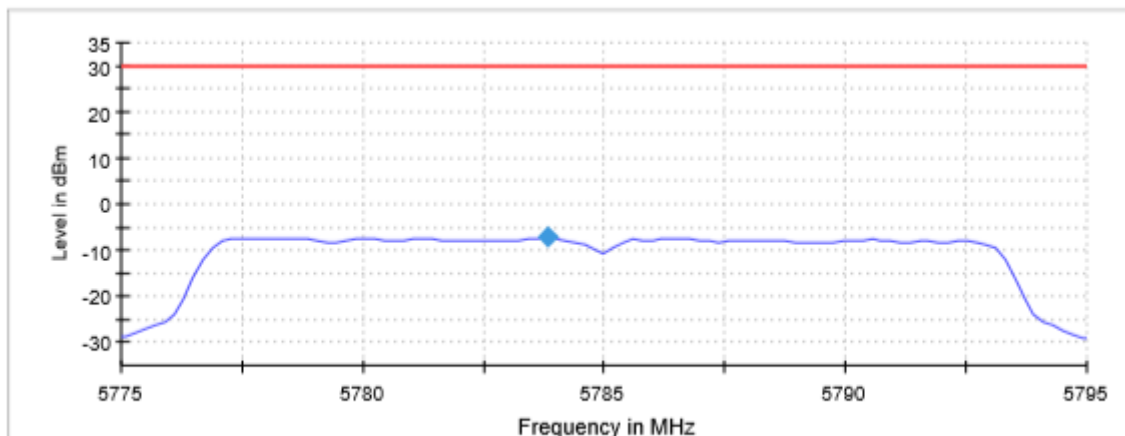
TEST RESULTS (Cont.):

Lowest Channel



— Limit — Sum Level ◆ PSD

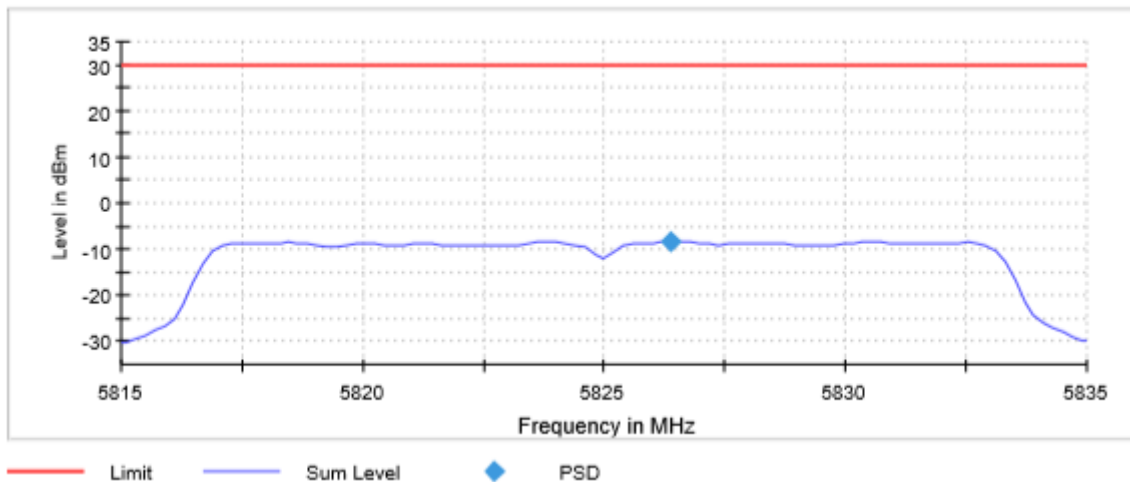
Middle Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 10.000 dBm | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.06 dB | 0.04 dB | 0.03 dB |

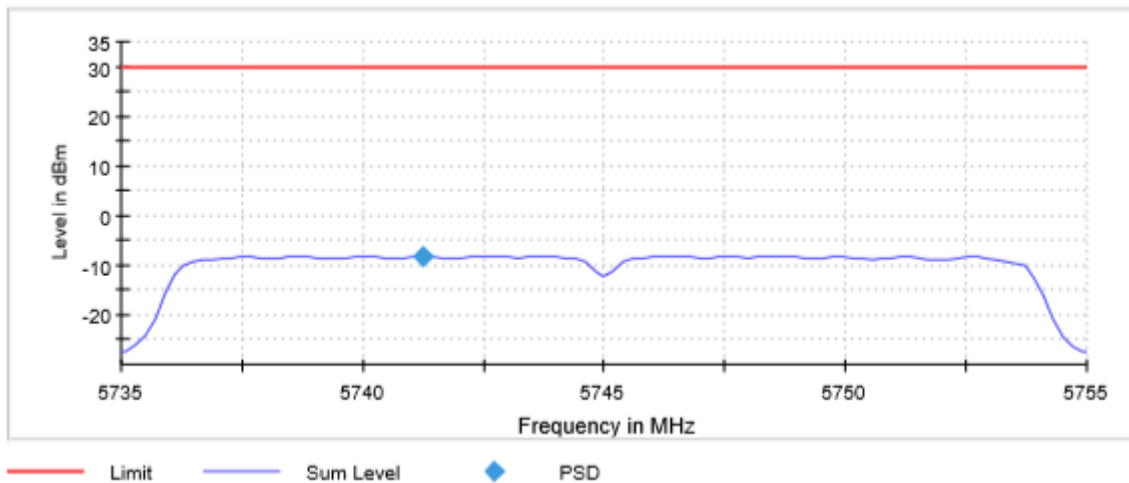
| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

Port 2
Bandwidth: 20 MHz

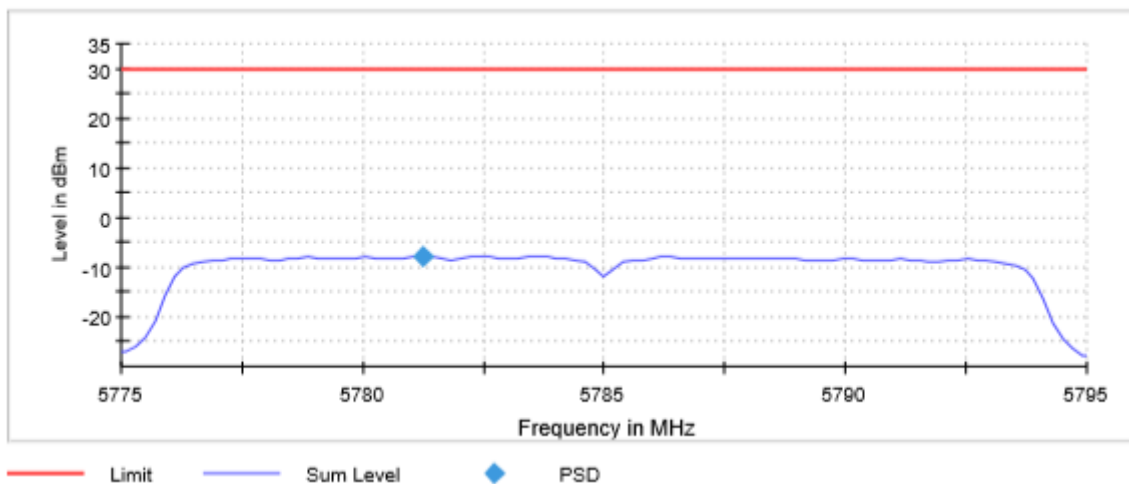
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Power spectral density (dBm) | -8.054 | -7.727 | -8.451 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

Lowest Channel

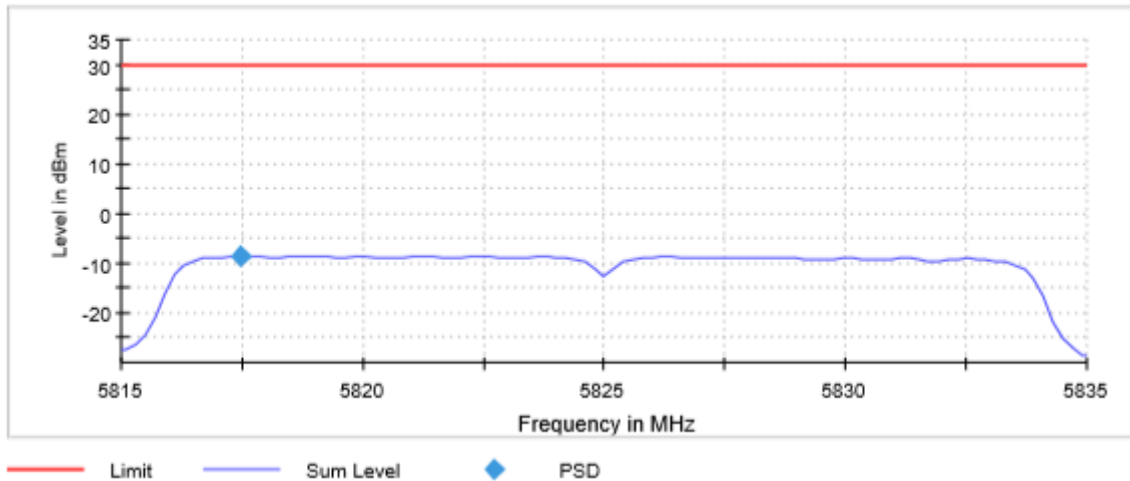


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 10.000 dBm | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS | 10.000 dBm |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.16 dB | 0.13 dB | 0.12 dB |

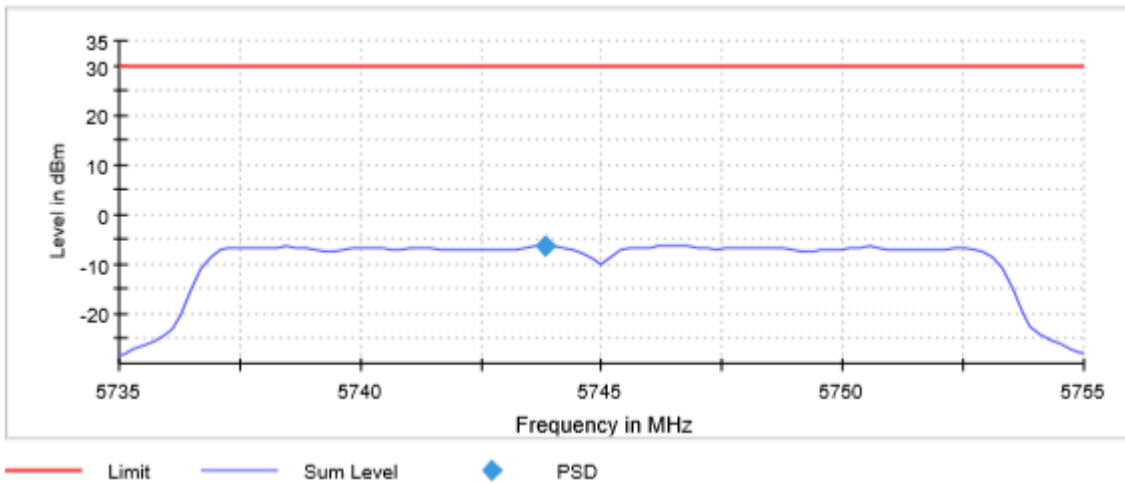
| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

Port 4
 Bandwidth: 20 MHz

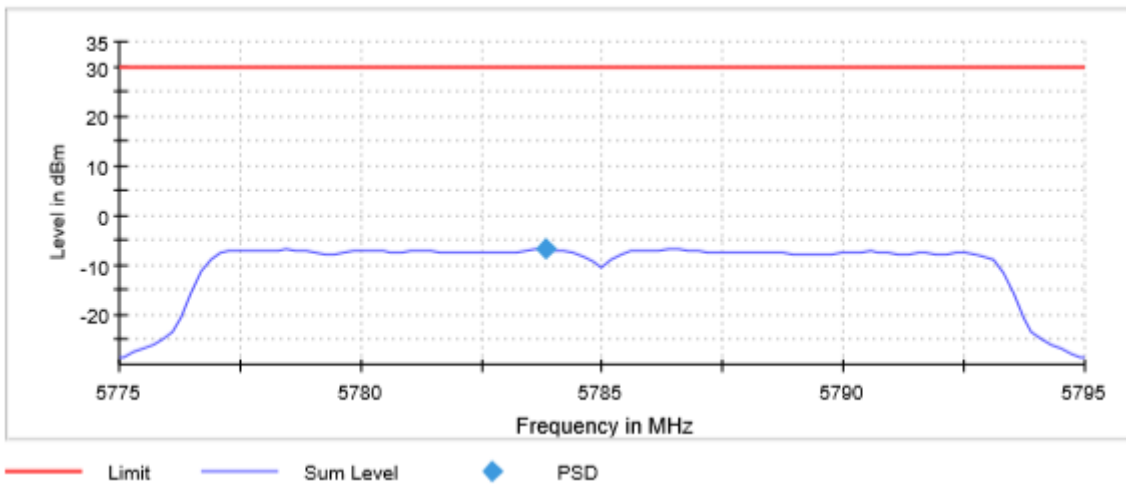
| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Power spectral density (dBm) | -6.357 | -6.783 | -7.601 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

Lowest Channel

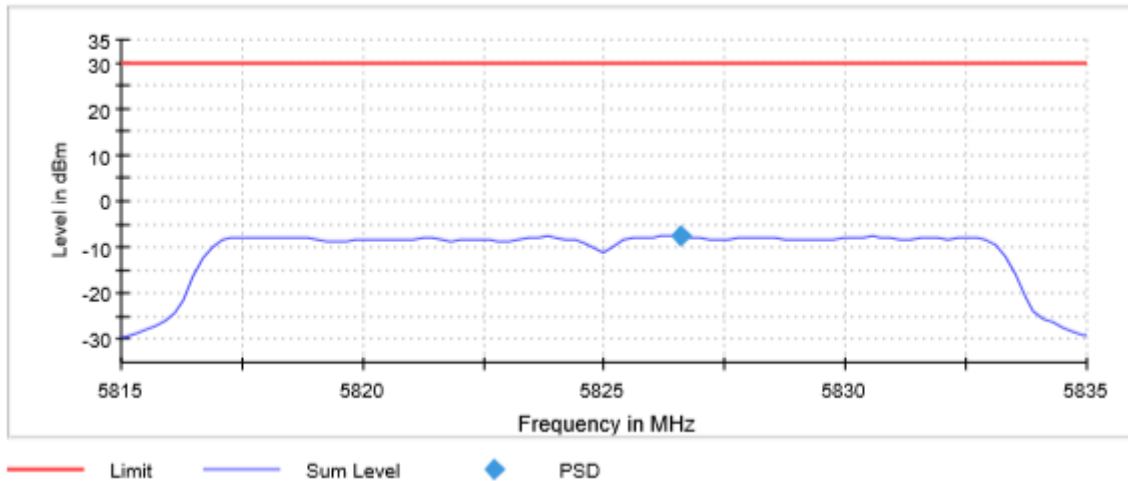


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 10.000 dBm | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS | 10.000 dBm |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.06 dB | 0.00 dB | 0.03 dB |

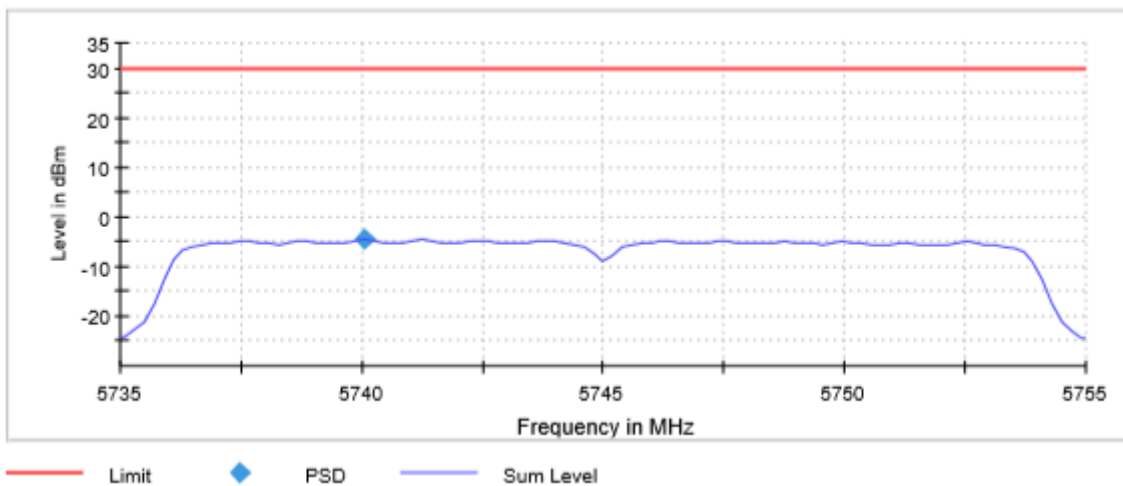
| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

Port 1 & 2
 Bandwidth: 20 MHz

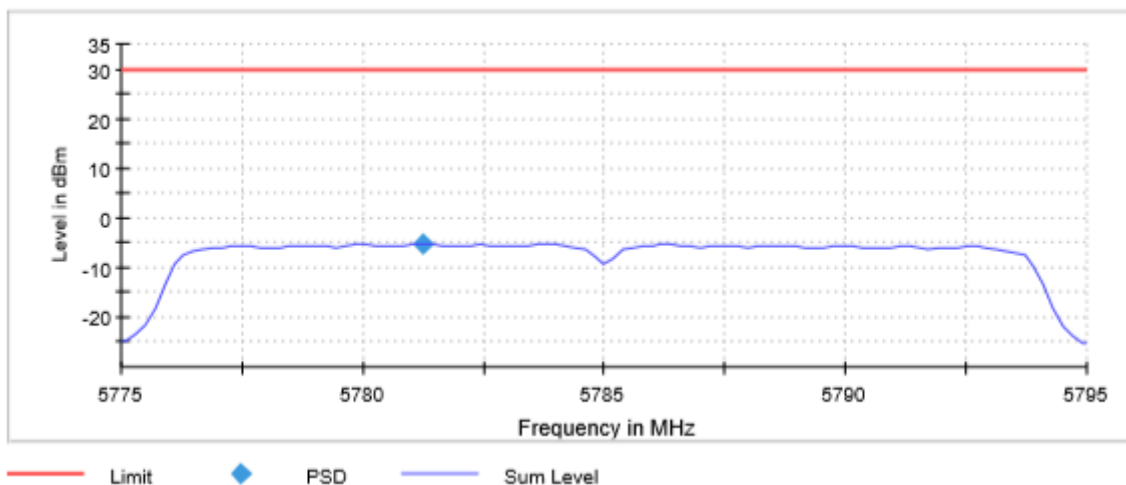
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Power spectral density (dBm) | -4.660 | -5.190 | -5.669 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

Lowest Channel

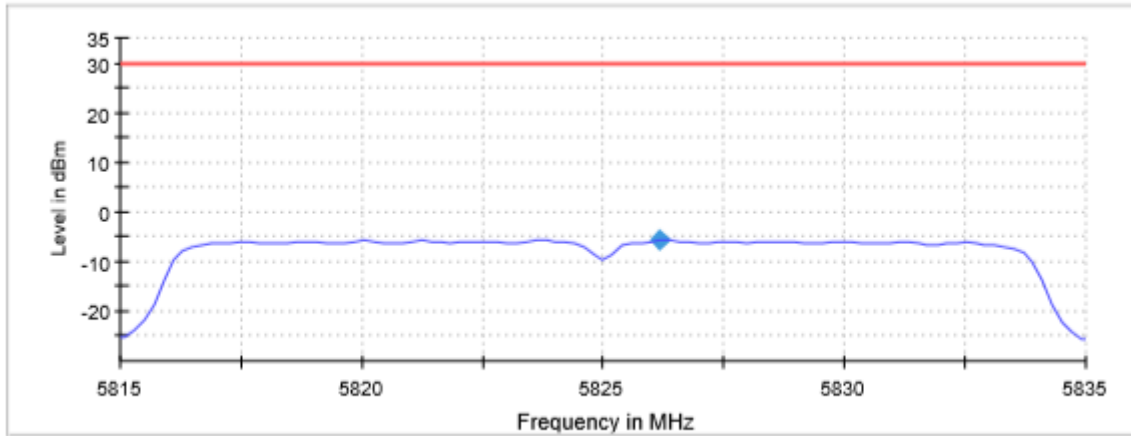


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 0.000 dBm | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.05 dB | 0.01 dB | 0.15 dB |

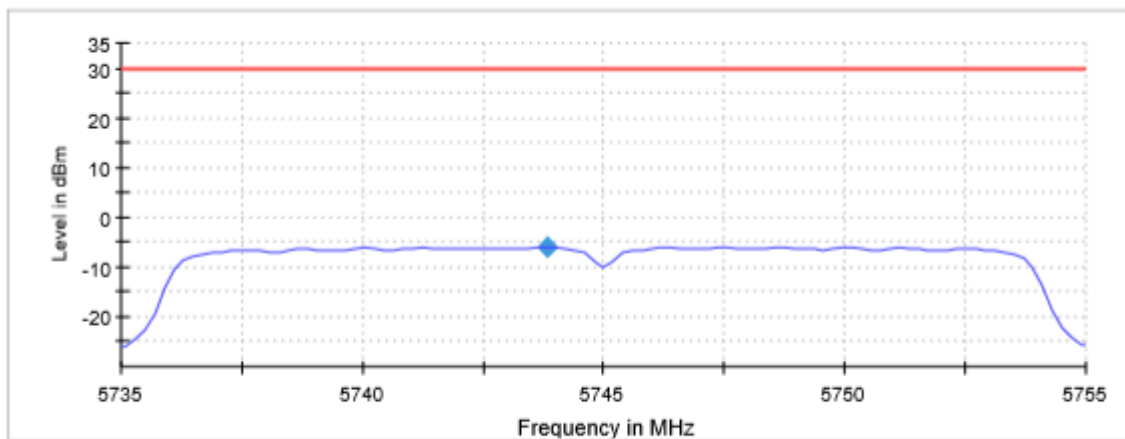
| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n20 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

Port 3 & 4
 Bandwidth: 20 MHz

| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Power spectral density (dBm) | -5.903 | -6.081 | -6.304 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

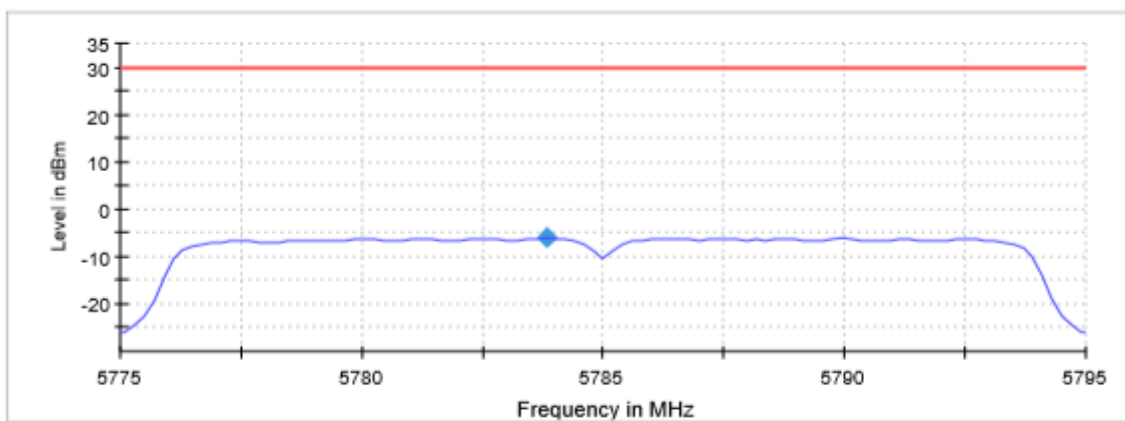
TEST RESULTS (Cont.):

Lowest Channel



— Limit ◆ PSD — Sum Level

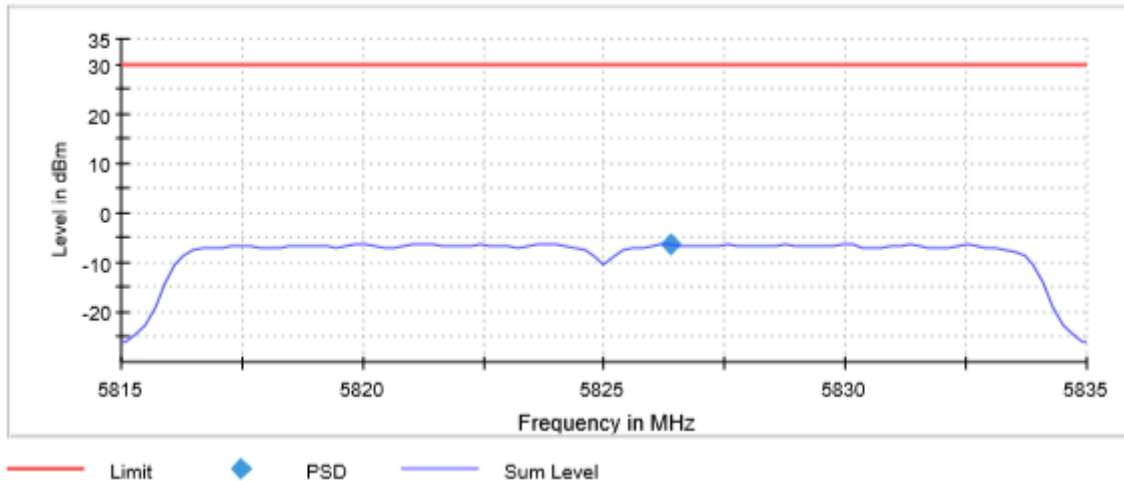
Middle Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 0.000 dBm | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.18 dB | 0.12 dB | 0.14 dB |

| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

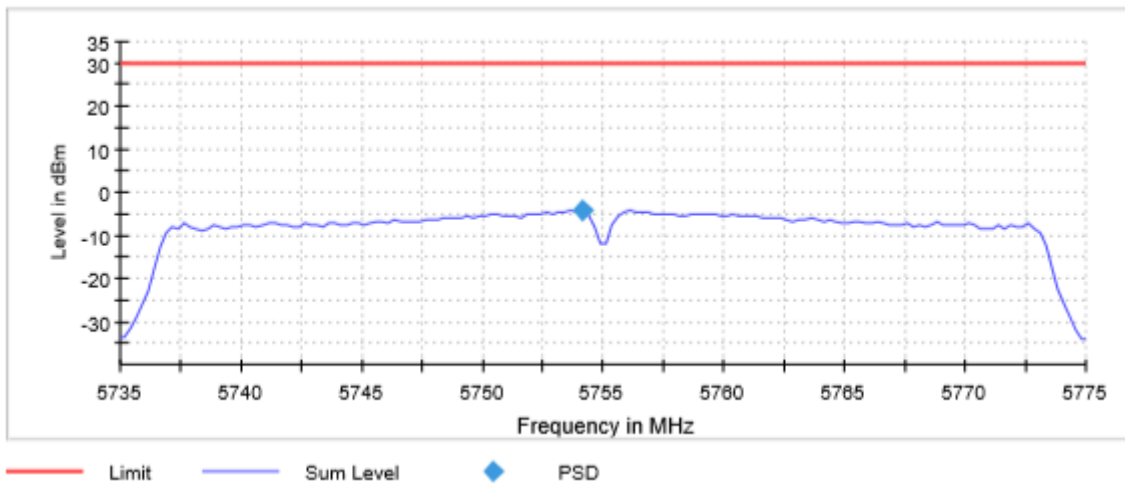
Port 2

Bandwidth: 40 MHz

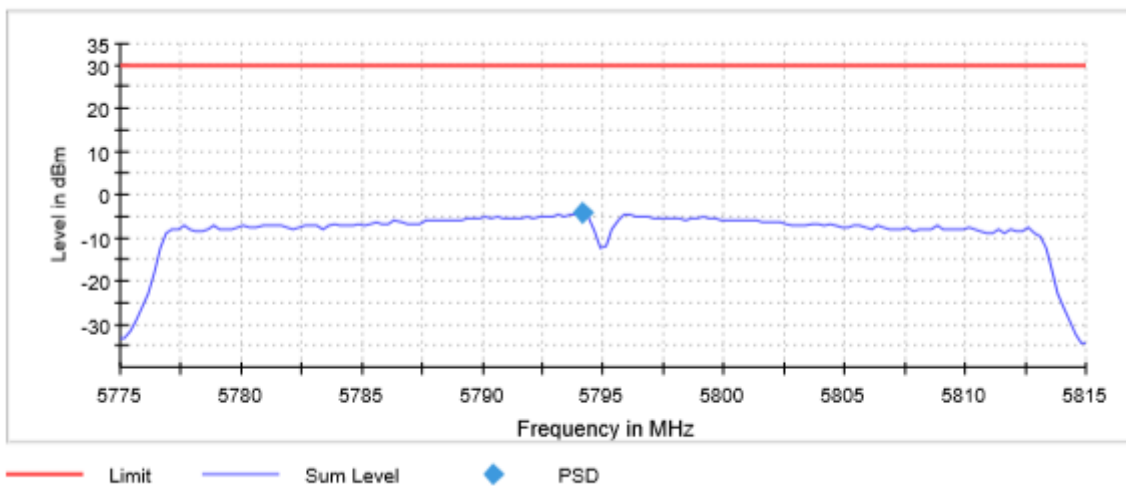
| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -4.053 | -4.133 |
| Measurement uncertainty (kHz) | <± 0.78 | |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB |
| Detector | RMS | 10.000 dBm |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 5 / max. 15 | 6 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.15 dB | 0.08 dB |

| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

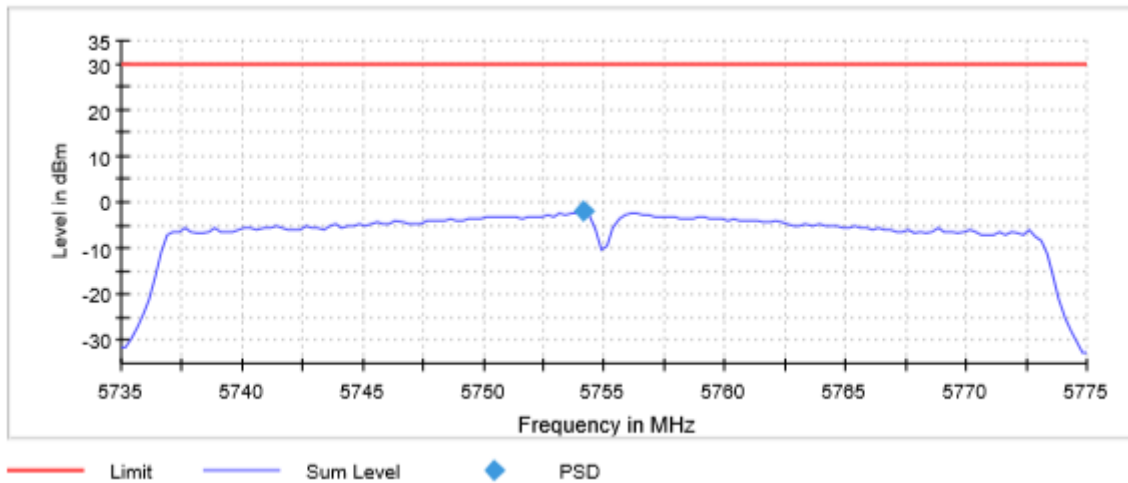
Port 4

Bandwidth: 40 MHz

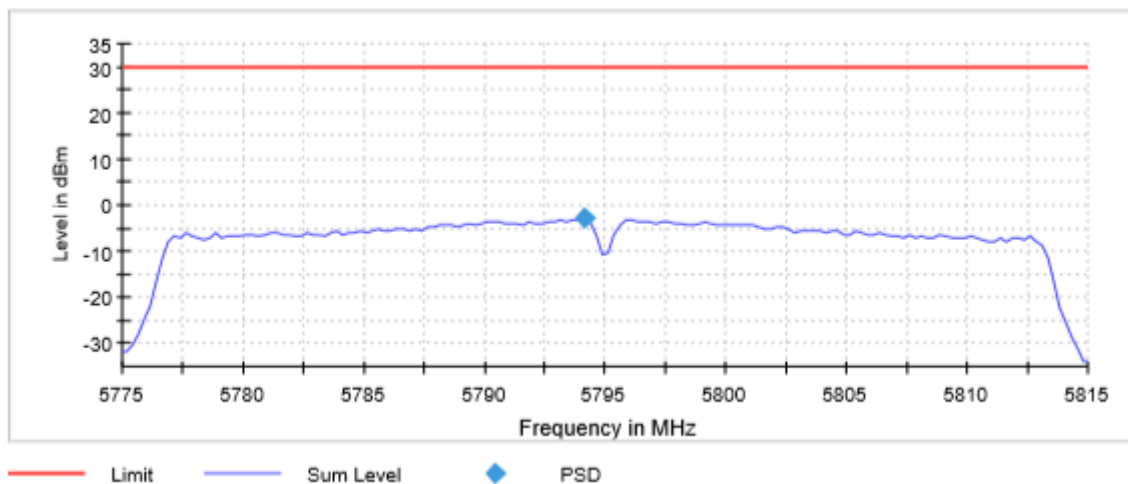
| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -1.983 | -2.828 |
| Measurement uncertainty (kHz) | <± 0.78 | |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB |
| Detector | RMS | 10.000 dBm |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 7 / max. 15 | 8 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.10 dB | 0.24 dB |

| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

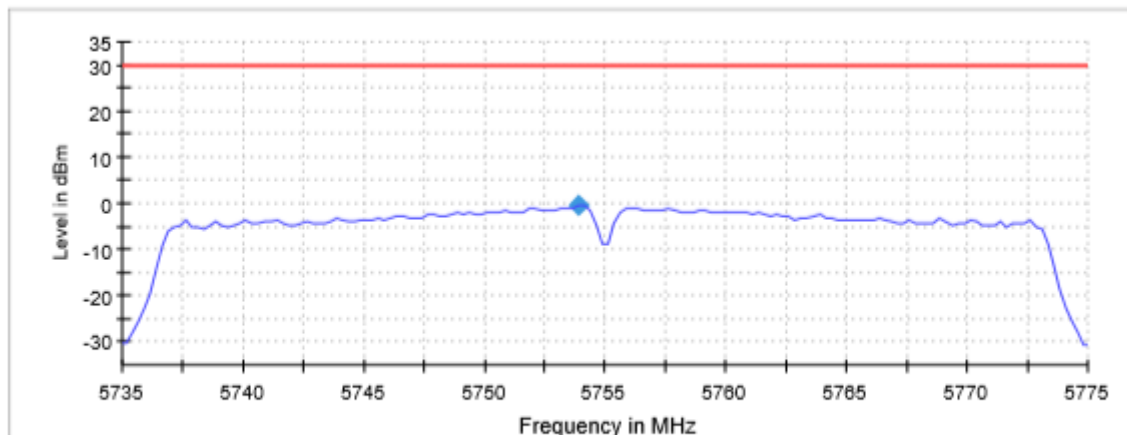
Port 1 & 2

Bandwidth: 40 MHz

| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -0.518 | -0.408 |
| Measurement uncertainty (kHz) | $<\pm 0.78$ | |

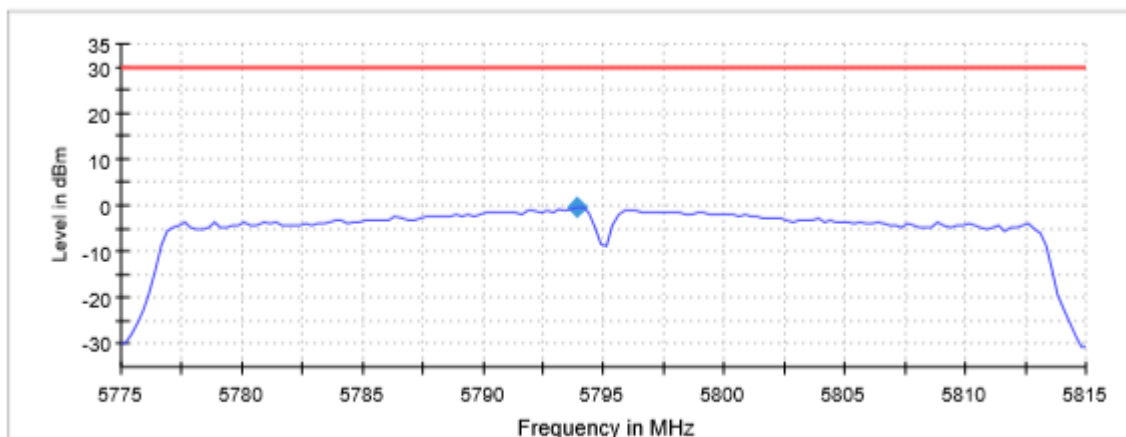
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Limit ◆ PSD — Sum Level

Highest Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | RMS | 10.000 dBm |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 7 / max. 15 | 6 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.23 dB | 0.00 dB |

| | |
|---------------------------------|------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#02 (n40 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

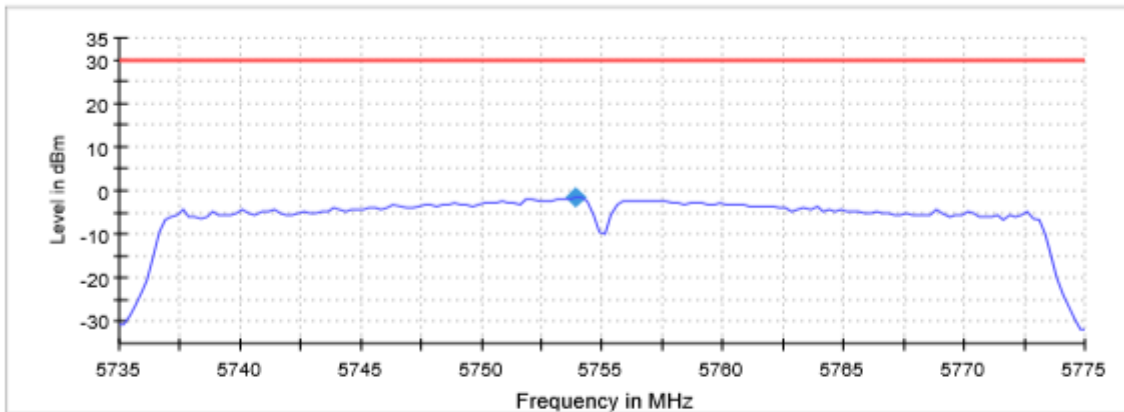
Port 3 & 4

Bandwidth: 40 MHz

| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -1.447 | -1.111 |
| Measurement uncertainty (kHz) | <± 0.78 | |

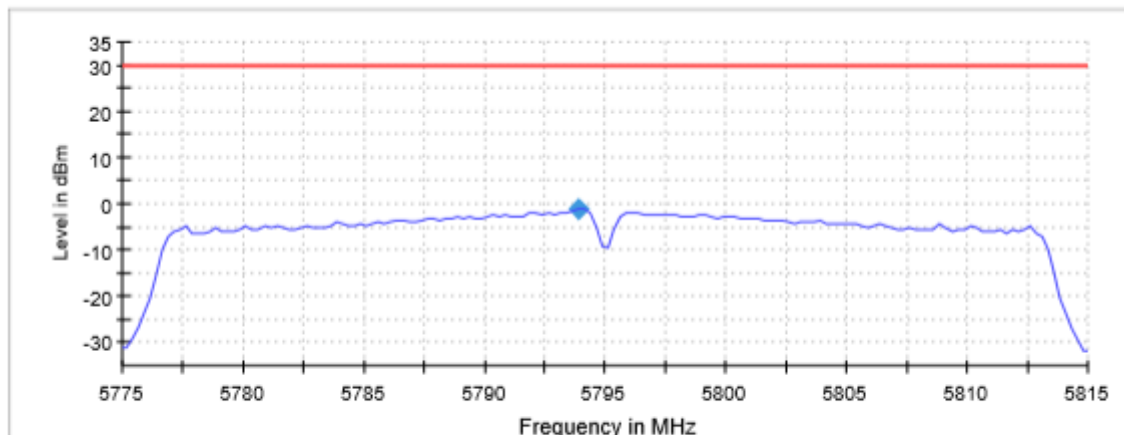
| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel



— Limit ◆ PSD — Sum Level

Highest Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 00.000 dBm | 00.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 11 / max. 15 | 7 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.07 dB | 0.15 dB |

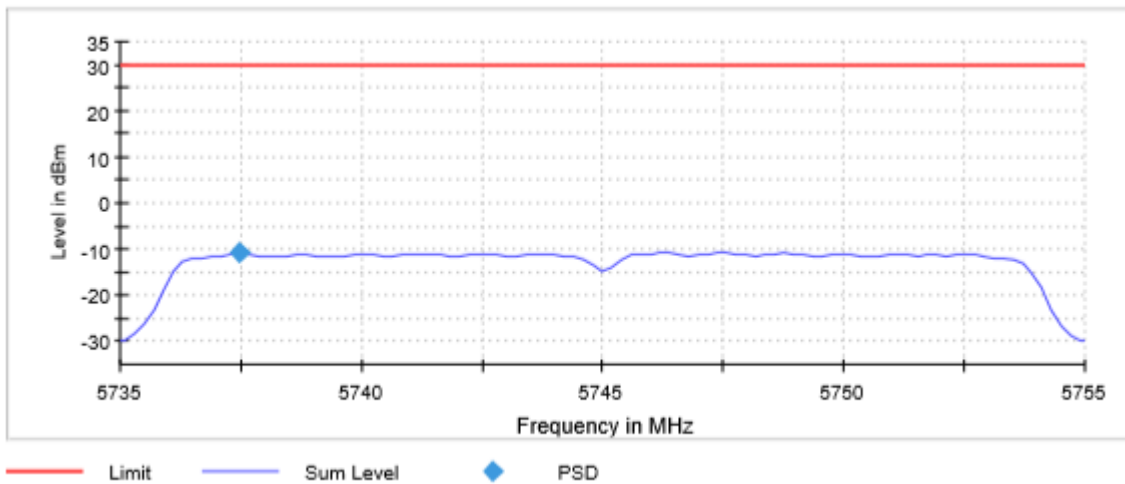
| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

Port 2
Bandwidth: 20 MHz

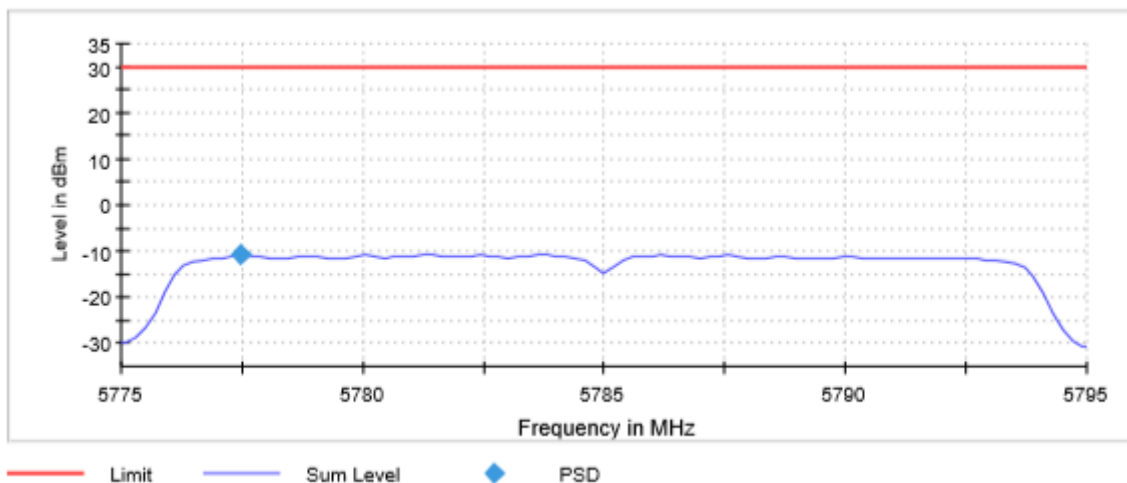
| | Lowest frequency | Middle frequency | Highest frequency |
|-------------------------------|------------------|------------------|-------------------|
| | 5745 MHz | 5785 MHz | 5825 MHz |
| Power spectral density (dBm) | -10.820 | -10.790 | -11.041 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

TEST RESULTS (Cont.):

Lowest Channel

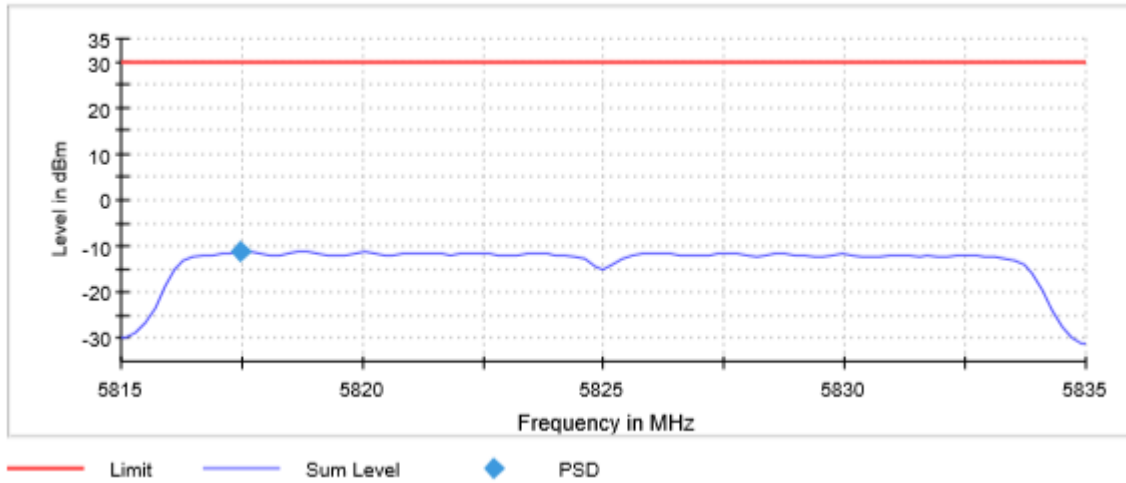


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 10.000 dBm | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.18 dB | 0.02 dB | 0.11 dB |

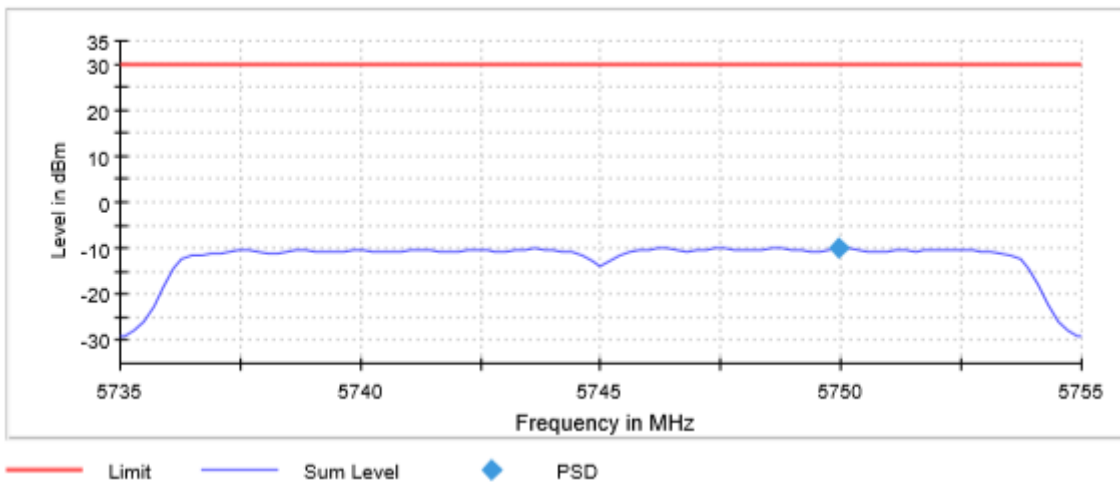
| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

Port 4
 Bandwidth: 20 MHz

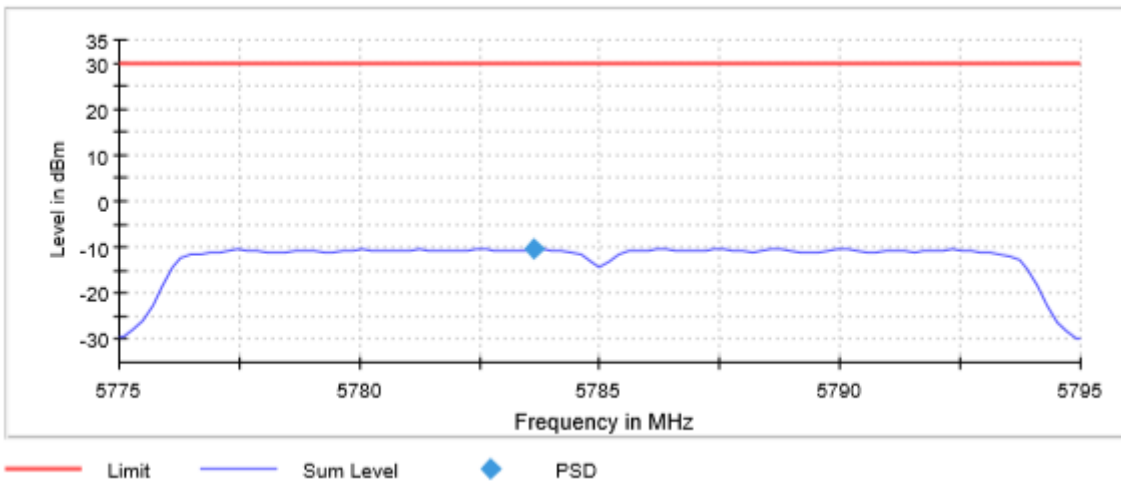
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Power spectral density (dBm) | -9.924 | -10.343 | -10.404 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel

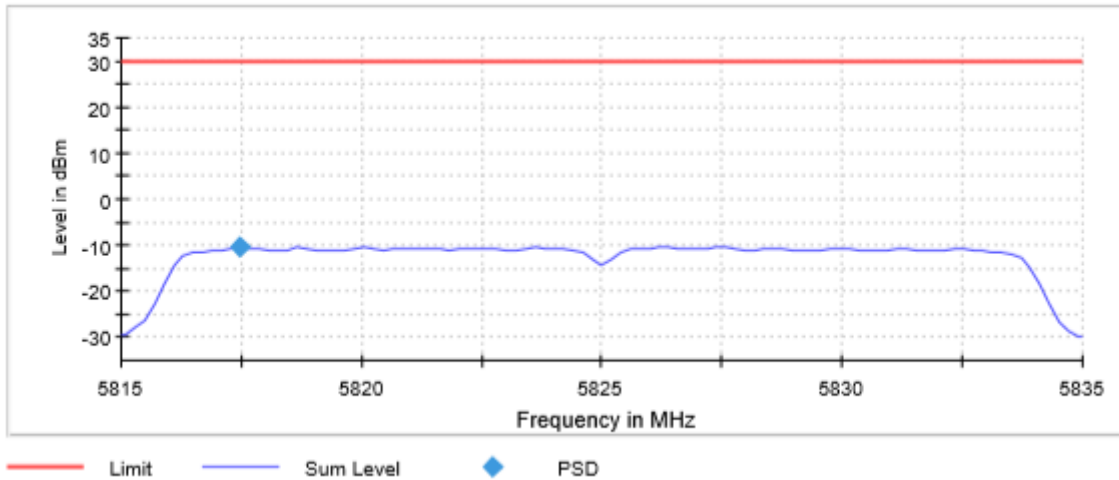


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 00.000 dBm | 00.000 dBm | 00.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.07 dB | 0.10 dB | 0.00 dB |

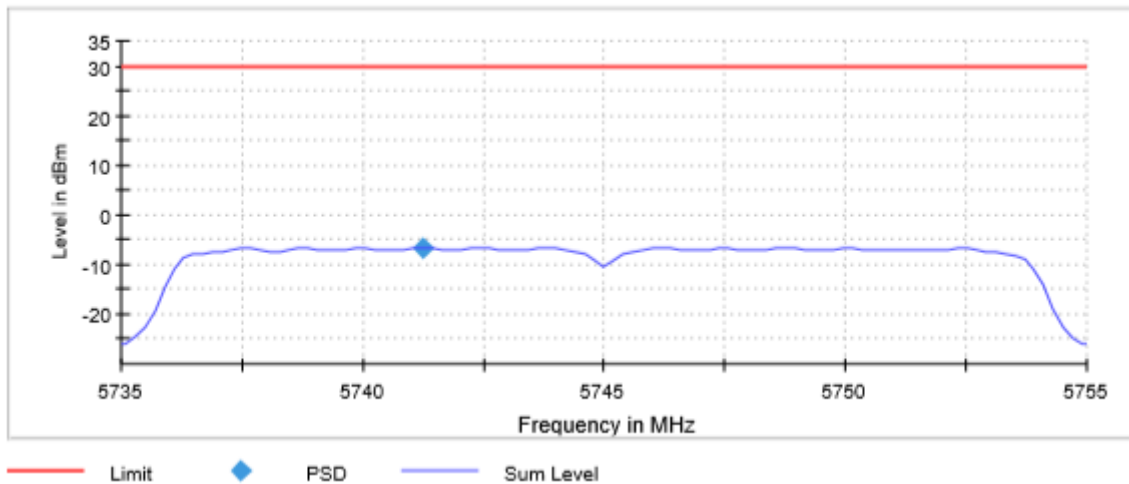
| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

Port 1 & 2
 Bandwidth: 20 MHz

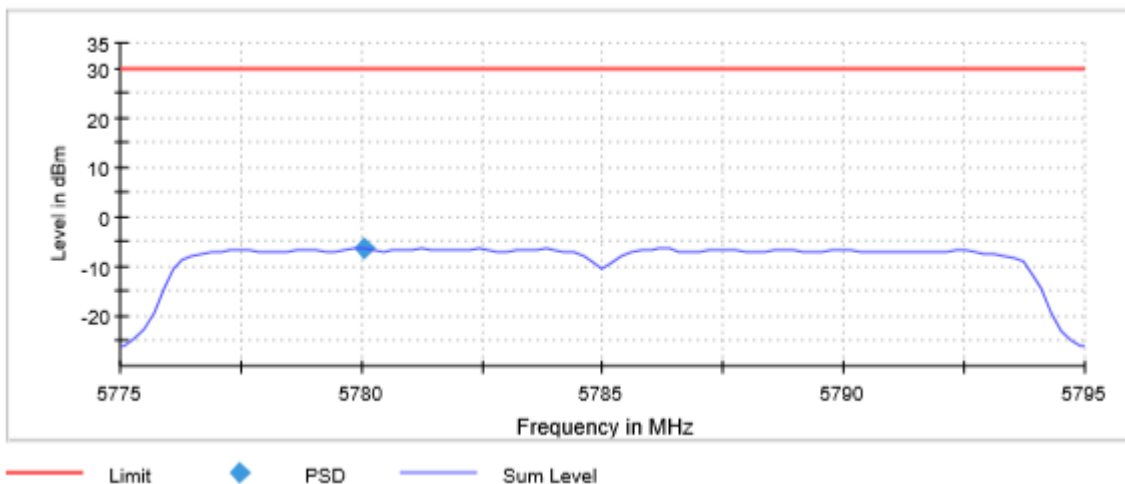
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Power spectral density (dBm) | -6.636 | -6.386 | -6.750 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|-------------------------------|
| TEST RESULTS (Cont.): | CONDUCTED OUTPUT POWER |
|------------------------------|-------------------------------|

Lowest Channel

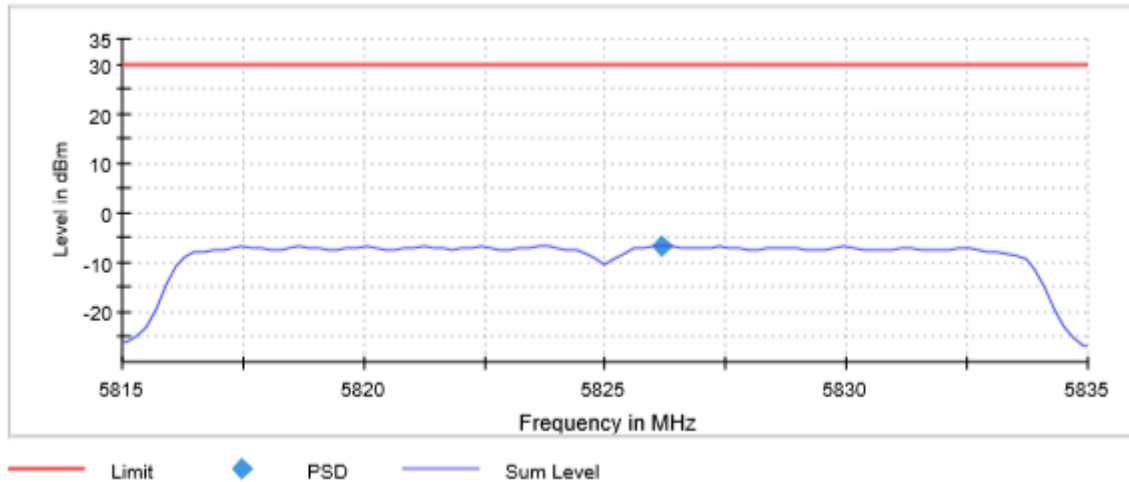


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweeptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 00.000 dBm | 00.000 dBm | 00.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.06 dB | 0.21 dB | 0.09 dB |

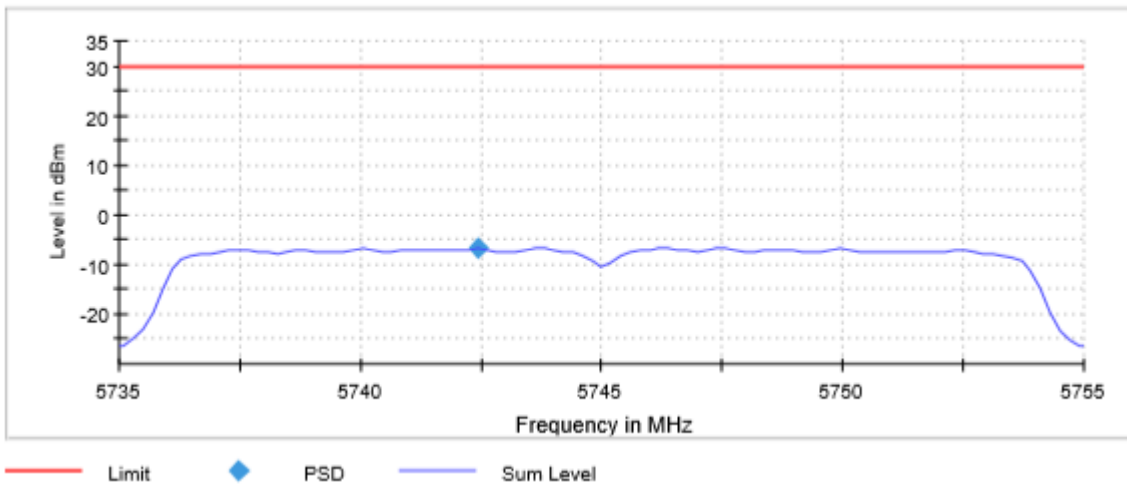
| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac20 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

Port 3 & 4
 Bandwidth: 20 MHz

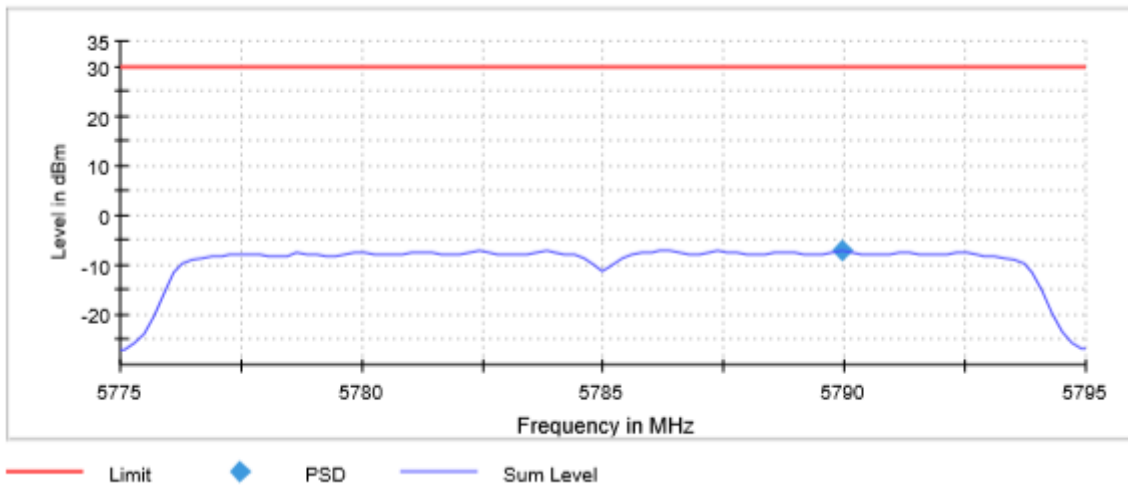
| | Lowest frequency 5745 MHz | Middle frequency 5785 MHz | Highest frequency 5825 MHz |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Power spectral density (dBm) | -6.816 | -7.215 | -7.522 |
| Measurement uncertainty (kHz) | <± 0.78 | | |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel

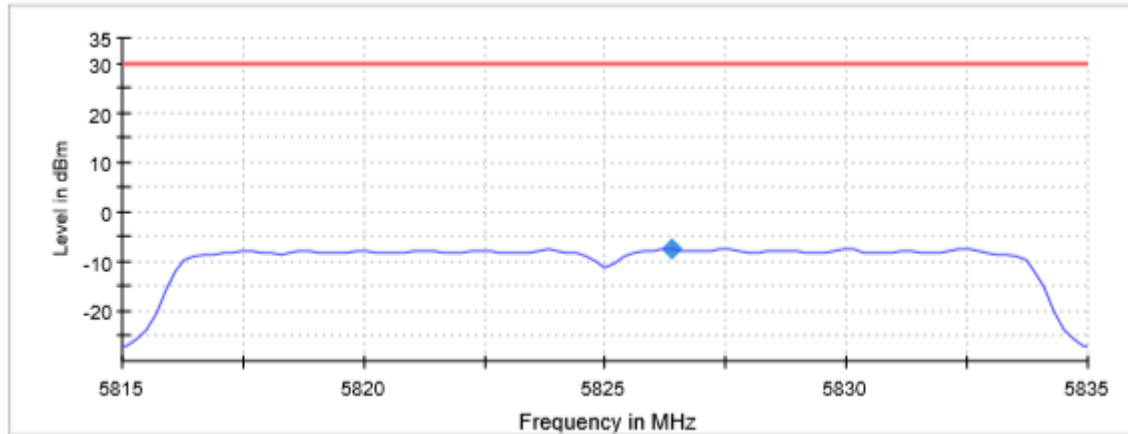


Middle Channel



TEST RESULTS (Cont.):

Highest Channel



— Limit ◆ PSD — Sum Level

Measurement

| Setting | Instrument Value | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz | 5.81500 GHz |
| Stop Frequency | 5.75500 GHz | 5.79500 GHz | 5.83500 GHz |
| Span | 20.000 MHz | 20.000 MHz | 20.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz | 2.000 MHz |
| SweepPoints | 101 | 101 | 101 |
| Sweptime | 2.020 s | 2.020 s | 2.020 s |
| Reference Level | 00.000 dBm | 00.000 dBm | 00.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS | RMS |
| SweepCount | 29703 | 29703 | 29703 |
| Filter | 3 dB | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep | Sweep |
| Preamp | Off | off | off |
| Stablemode | Trace | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB | 0.30 dB |
| Run | 4 / max. 15 | 4 / max. 15 | 4 / max. 15 |
| Stable | 3 / 3 | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.00 dB | 0.15 dB | 0.13 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

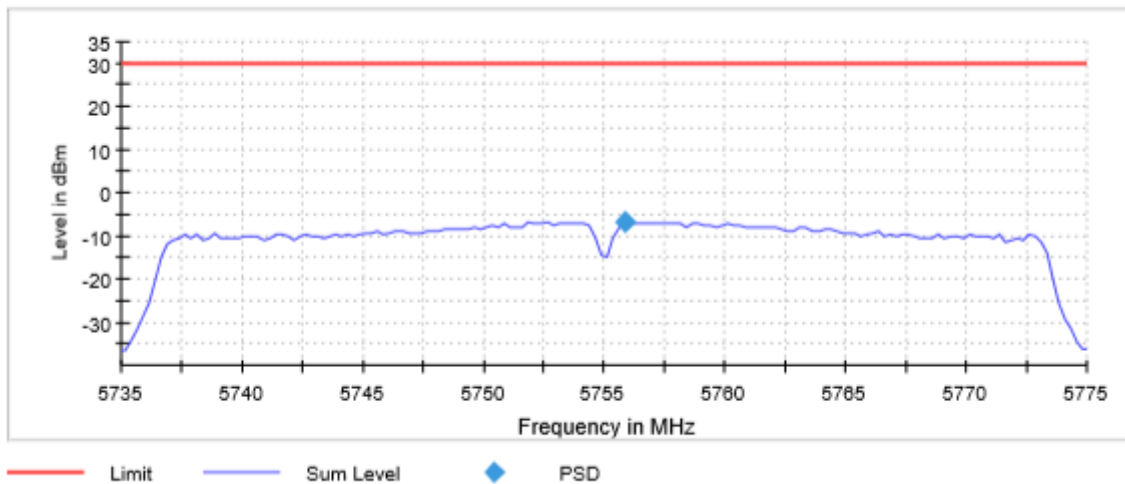
Port 2

Bandwidth: 40 MHz

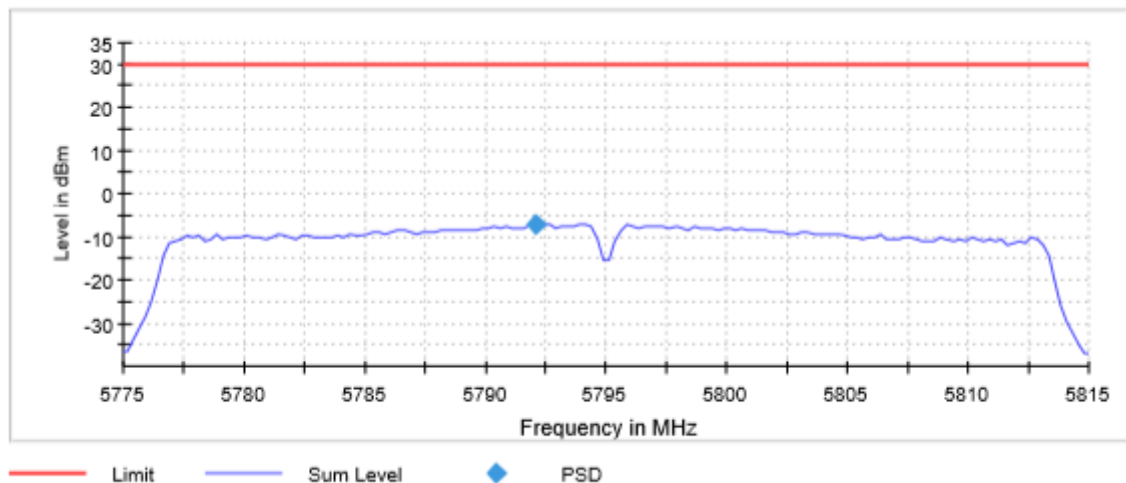
| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -6.757 | -7.035 |
| Measurement uncertainty (kHz) | <± 0.78 | |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 11 / max. 15 | 6 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.00 dB | 0.15 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

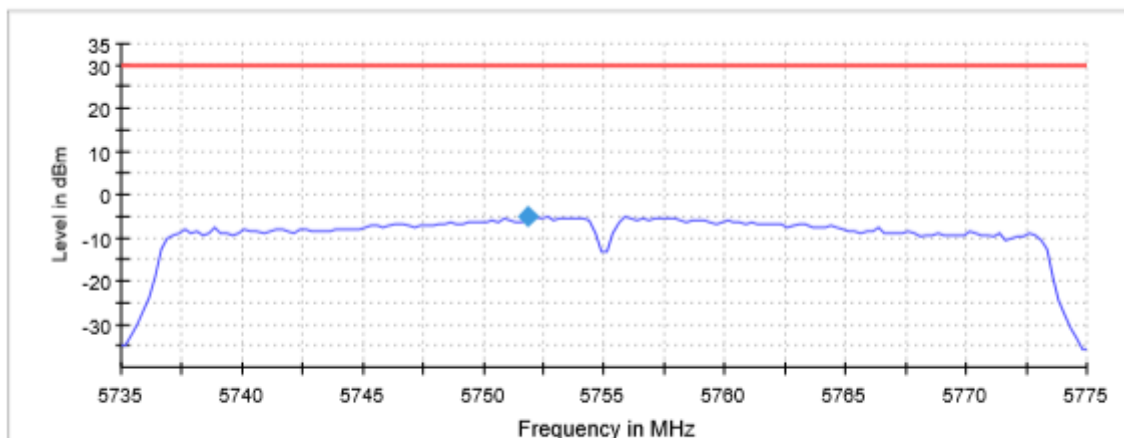
Port 4

Bandwidth: 40 MHz

| | | |
|-------------------------------|------------------|-------------------|
| | Lowest frequency | Highest frequency |
| | 5755 MHz | 5795 MHz |
| Power spectral density (dBm) | -5.030 | -5,582 |
| Measurement uncertainty (kHz) | <± 0.78 | |

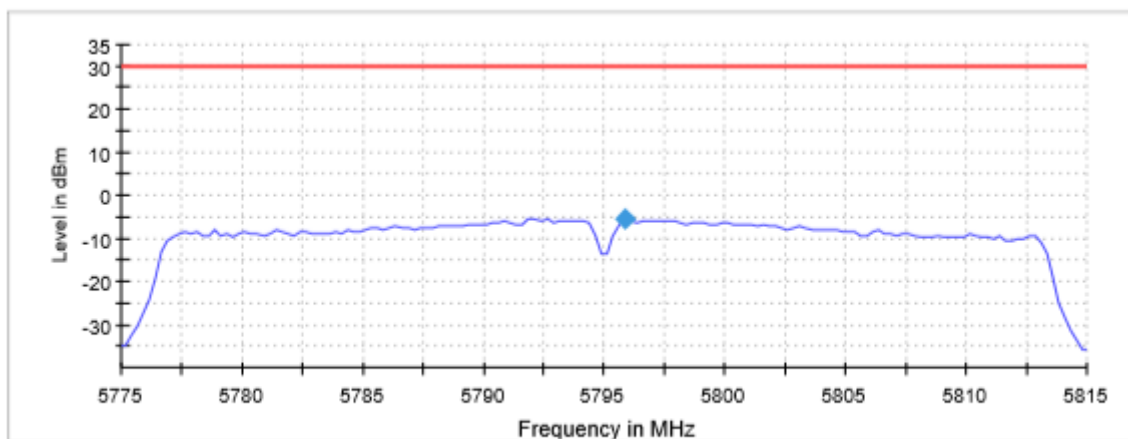
TEST RESULTS (Cont.):

Lowest Channel



— Limit — Sum Level ◆ PSD

Highest Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | 30.000 dB |
| Detector | RMS | RMS |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 8 / max. 15 | 9 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.05 dB | 0.00 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

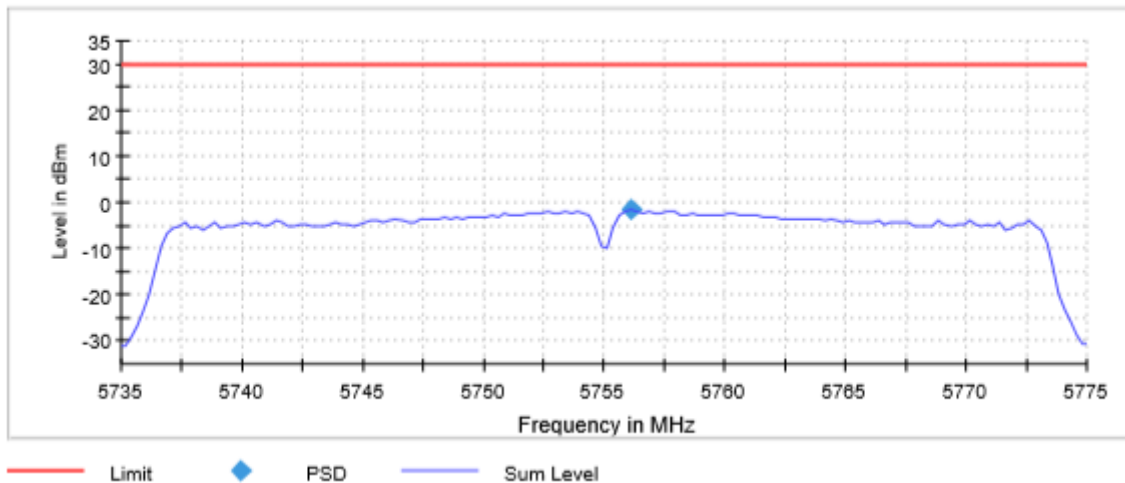
Port 1 & 2

Bandwidth: 40 MHz

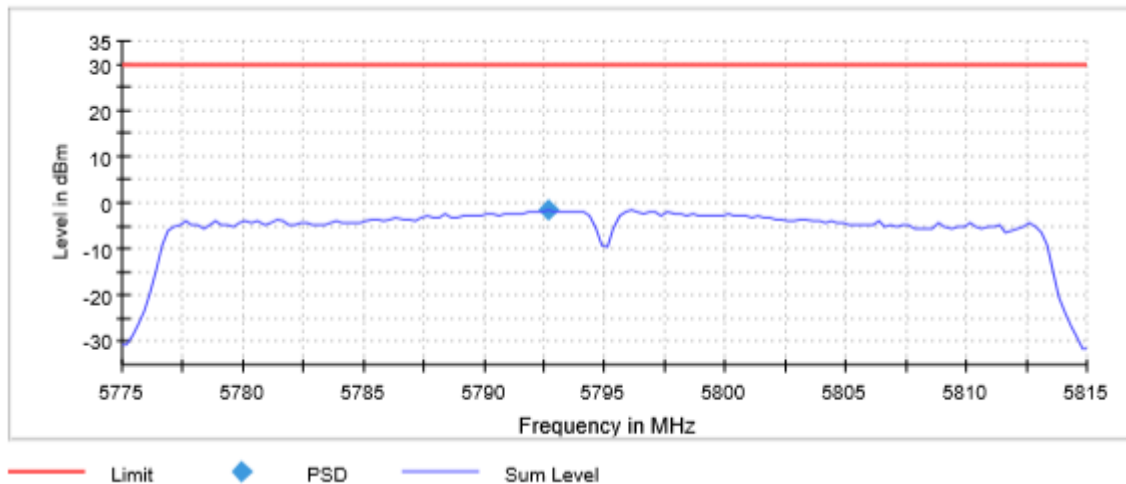
| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -1.557 | -1.399 |
| Measurement uncertainty (kHz) | $<\pm 0.78$ | |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 6 / max. 15 | 9 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.15 dB | 0.00 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac40 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

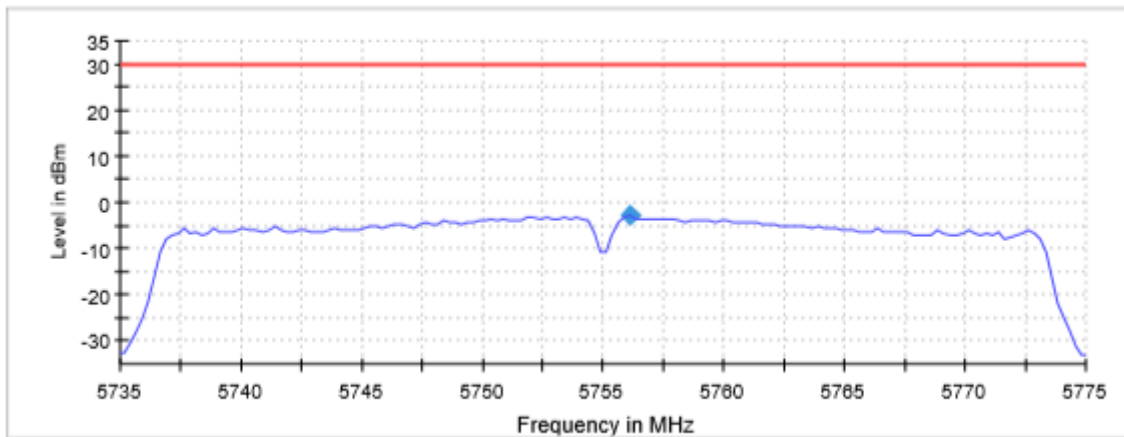
Port 3 & 4

Bandwidth: 40 MHz

| | | |
|-------------------------------|------------------------------|-------------------------------|
| | Lowest frequency 5755 MHz | Highest frequency 5795 MHz |
| Power spectral density (dBm) | -2.844 | -2.588 |
| Measurement uncertainty (kHz) | <± 0.78 | |

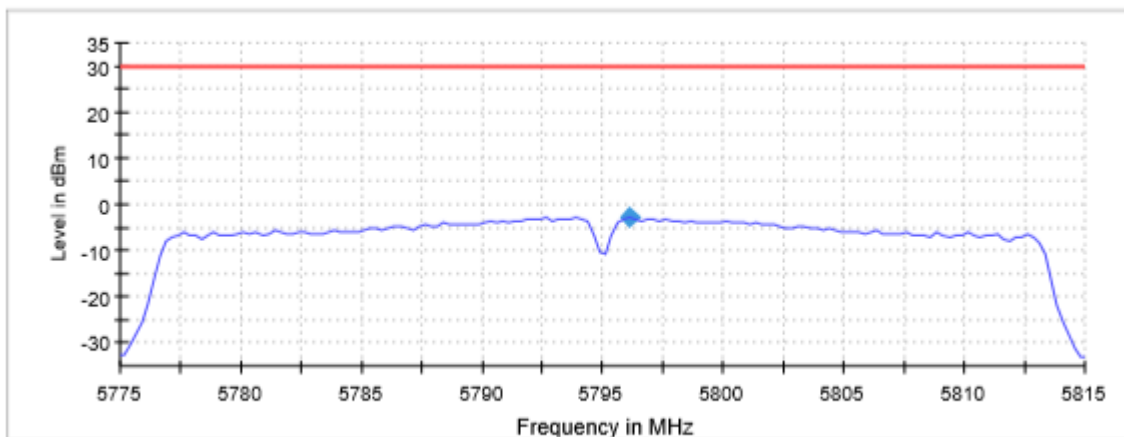
| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



— Limit ◆ PSD — Sum Level

Highest Channel



— Limit ◆ PSD — Sum Level

TEST RESULTS (Cont.):

Measurement

| Setting | Instrument Value | Instrument Value |
|-----------------------|------------------|------------------|
| Start Frequency | 5.73500 GHz | 5.77500 GHz |
| Stop Frequency | 5.77500 GHz | 5.81500 GHz |
| Span | 40.000 MHz | 40.000 MHz |
| RBW | 500.000 kHz | 500.000 kHz |
| VBW | 2.000 MHz | 2.000 MHz |
| SweepPoints | 160 | 160 |
| Sweeptime | 3.200 s | 3.200 s |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | 20.000 dB |
| Detector | RMS | RMS |
| SweepCount | 18751 | 18751 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | Sweep | Sweep |
| Preamp | Off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 7 / max. 15 | 9 / max. 15 |
| Stable | 3 / 3 | 3 / 3 |
| Max Stable Difference | 0.22 dB | 0.19 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 1 SISO) |
| TEST RESULTS: | PASS |

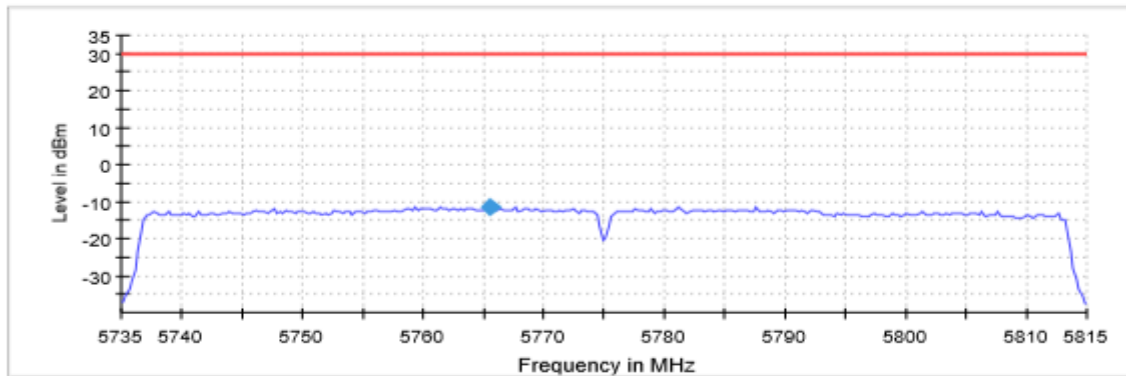
Port 2

Bandwidth: 80 MHz

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Power spectral density (dBm) | -11.329 |
| Measurement uncertainty (kHz) | <± 0.78 |

TEST RESULTS (Cont.):

Lowest Channel



— Limit — Sum Level ◆ PSD

Measurement

| Setting | Instrument Value |
|-----------------------|------------------|
| Start Frequency | 5.73500 GHz |
| Stop Frequency | 5.81500 GHz |
| Span | 80.000 MHz |
| RBW | 500.000 kHz |
| VBW | 2.000 MHz |
| SweepPoints | 320 |
| Sweeptime | 6.400 s |
| Reference Level | 10.000 dBm |
| Attenuation | 30.000 dB |
| Detector | RMS |
| SweepCount | 9376 |
| Filter | 3 dB |
| Trace Mode | Max Hold |
| Sweeptype | Sweep |
| Preamp | Off |
| Stablemode | Trace |
| Stablevalue | 0.30 dB |
| Run | 14 / max. 15 |
| Stable | 3 / 3 |
| Max Stable Difference | 0.00 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 2 SISO) |
| TEST RESULTS: | PASS |

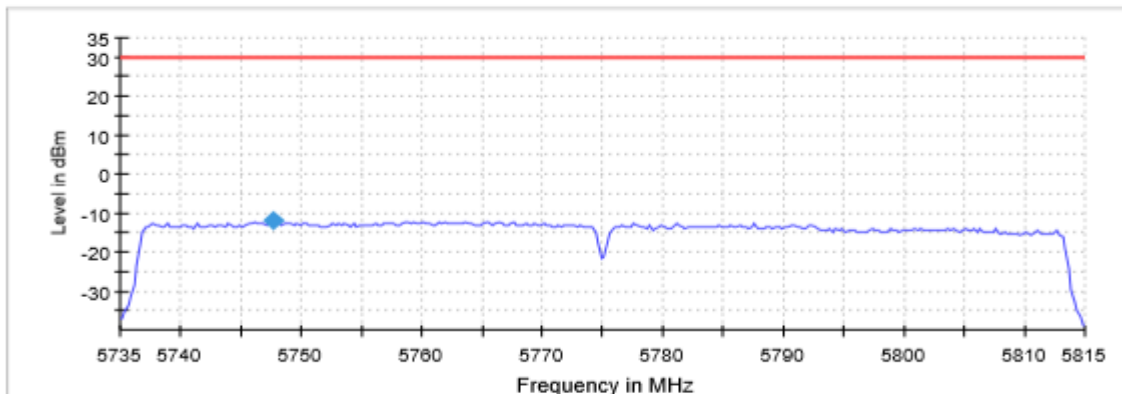
Port 4

Bandwidth: 80 MHz

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Power spectral density (dBm) | -12.079 |
| Measurement uncertainty (kHz) | <± 0.78 |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



— Limit — Sum Level ◆ PSD

Measurement

| Setting | Instrument Value |
|-----------------------|------------------|
| Start Frequency | 5.73500 GHz |
| Stop Frequency | 5.81500 GHz |
| Span | 80.000 MHz |
| RBW | 500.000 kHz |
| VBW | 2.000 MHz |
| SweepPoints | 320 |
| Sweptime | 6.400 s |
| Reference Level | 10.000 dBm |
| Attenuation | 30.000 dB |
| Detector | RMS |
| SweepCount | 9376 |
| Filter | 3 dB |
| Trace Mode | Max Hold |
| Sweeptype | Sweep |
| Preamp | Off |
| Stablemode | Trace |
| Stablevalue | 0.30 dB |
| Run | 14 / max. 15 |
| Stable | 3 / 3 |
| Max Stable Difference | 0.15 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 1 MIMO) |
| TEST RESULTS: | PASS |

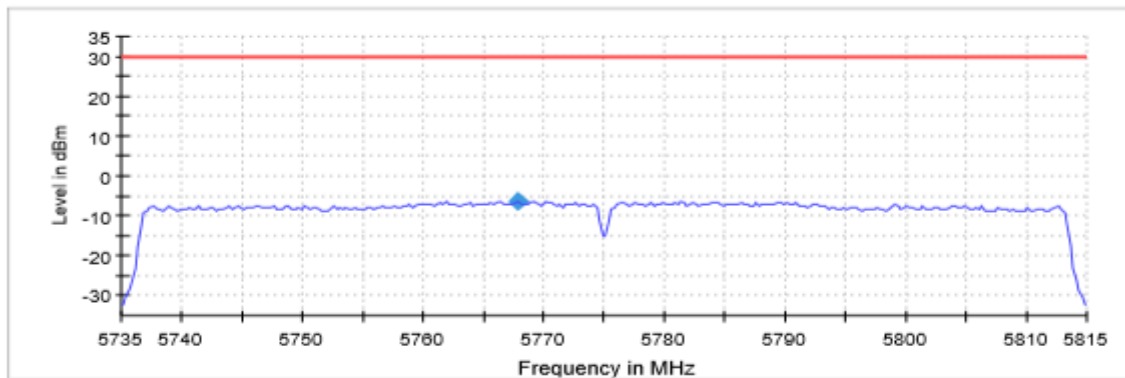
Port 1 & 2

Bandwidth: 80 MHz

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Power spectral density (dBm) | -6.404 |
| Measurement uncertainty (kHz) | <± 0.78 |

TEST RESULTS (Cont.):

Lowest Channel



— Limit ◆ PSD — Sum Level

Measurement

| Setting | Instrument Value |
|-----------------------|------------------|
| Start Frequency | 5.73500 GHz |
| Stop Frequency | 5.81500 GHz |
| Span | 80.000 MHz |
| RBW | 500.000 kHz |
| VBW | 2.000 MHz |
| SweepPoints | 320 |
| Sweeptime | 6.400 s |
| Reference Level | 10.000 dBm |
| Attenuation | 30.000 dB |
| Detector | RMS |
| SweepCount | 9376 |
| Filter | 3 dB |
| Trace Mode | Max Hold |
| Sweeptype | Sweep |
| Preamp | Off |
| Stablemode | Trace |
| Stablevalue | 0.30 dB |
| Run | 15 / max. 15 |
| Stable | 3 / 3 |
| Max Stable Difference | 0.12 dB |

| | |
|---------------------------------|-------------------------------|
| TESTED SAMPLES: | S/01 |
| TESTED CONDITIONS MODES: | TC#03 (ac80 mode Chip 2 MIMO) |
| TEST RESULTS: | PASS |

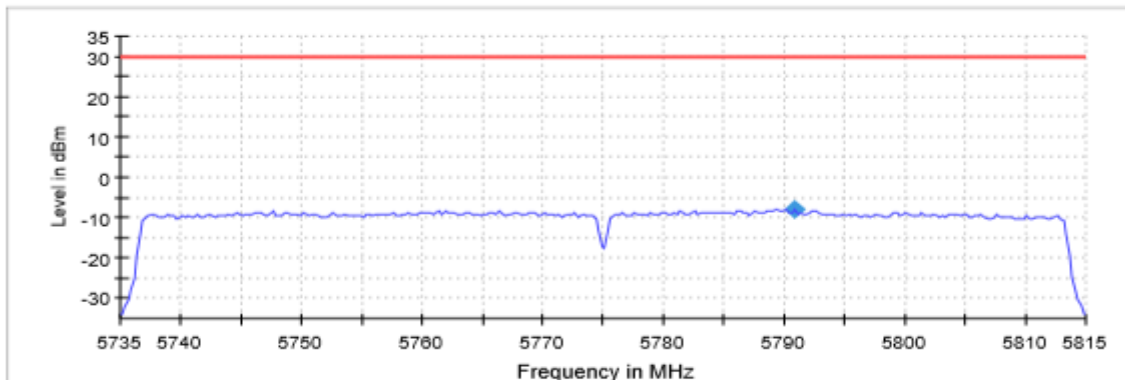
Port 3 & 4

Bandwidth: 80 MHz

| | |
|-------------------------------|------------------------------|
| | Lowest frequency 5775 MHz |
| Power spectral density (dBm) | -8.023 |
| Measurement uncertainty (kHz) | <± 0.78 |

| | |
|------------------------------|--|
| TEST RESULTS (Cont.): | |
|------------------------------|--|

Lowest Channel



— Limit ◆ PSD — Sum Level

Measurement

| Setting | Instrument Value |
|-----------------------|------------------|
| Start Frequency | 5.73500 GHz |
| Stop Frequency | 5.81500 GHz |
| Span | 80.000 MHz |
| RBW | 500.000 kHz |
| VBW | 2.000 MHz |
| SweepPoints | 320 |
| Sweeptime | 6.400 s |
| Reference Level | 10.000 dBm |
| Attenuation | 30.000 dB |
| Detector | RMS |
| SweepCount | 9376 |
| Filter | 3 dB |
| Trace Mode | Max Hold |
| Sweeptype | Sweep |
| Preamp | Off |
| Stablemode | Trace |
| Stablevalue | 0.30 dB |
| Run | 14 / max. 15 |
| Stable | 3 / 3 |
| Max Stable Difference | 0.00 dB |

TEST C.5: BAND-EDGE RADIATED EMISSIONS COMPLIANCE (TRANSMITTER)

| | | |
|----------------|-------------------|---|
| LIMITS: | Product standard: | Part 15 Subpart C §15.407 and RSS-247 |
| | Test standard: | Part 15 Subpart C §15.407(b)(4) and RSS-247 6.2.4.2 |

LIMITS

For transmitters operating in the 5.725 – 5.85 GHz band: all emissions outside the frequency band shall not exceed an EIRP of -27 dBm /MHz

TEST SETUP

