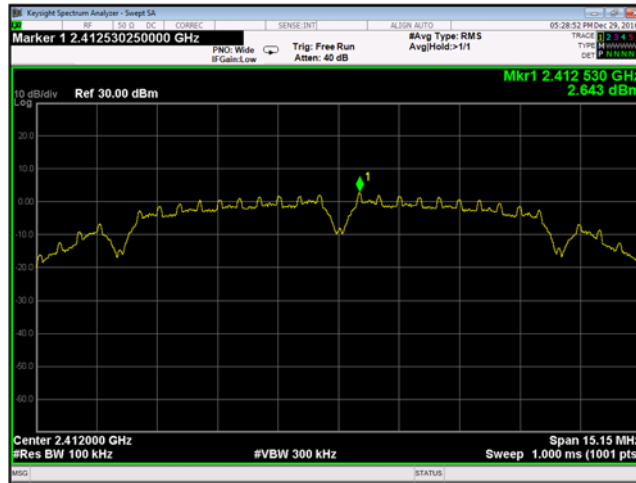
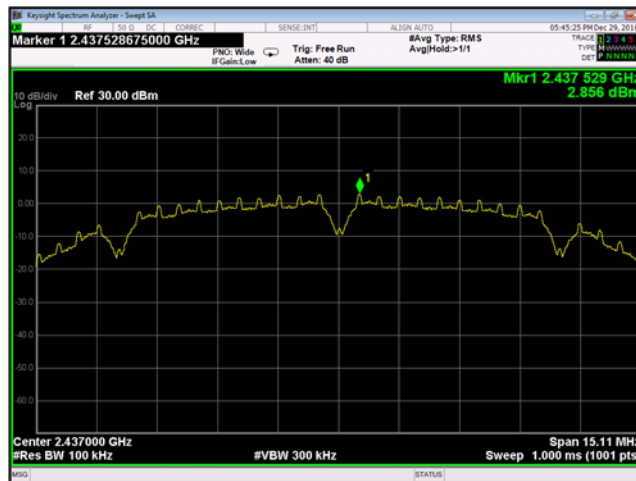


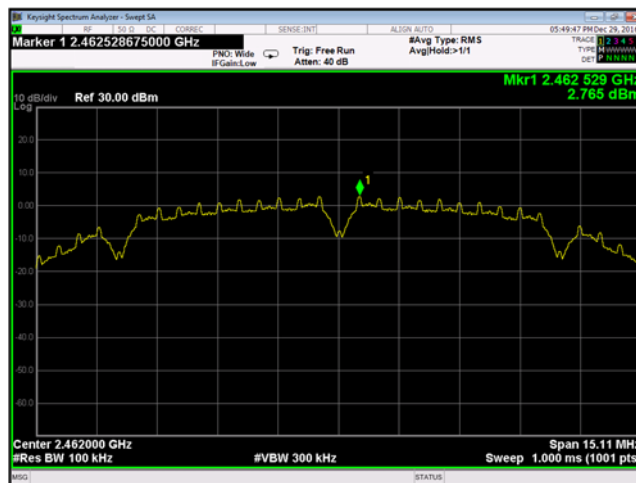
9.5.5 Test Data:



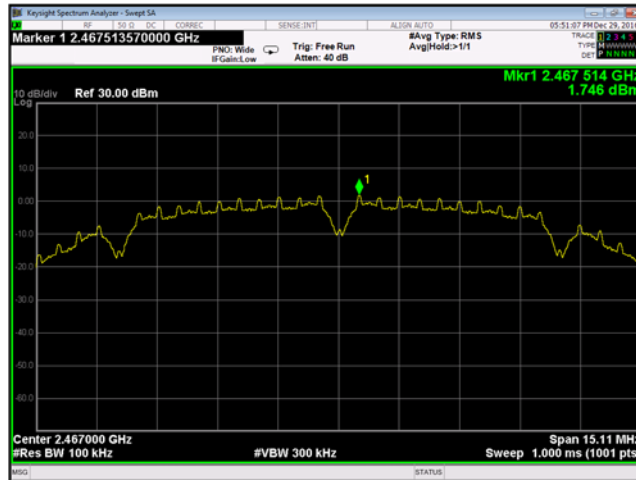
Plot 9-64 Chain A Peak Power Spectral Density 802.11b - Ch.1 (2412 MHz)



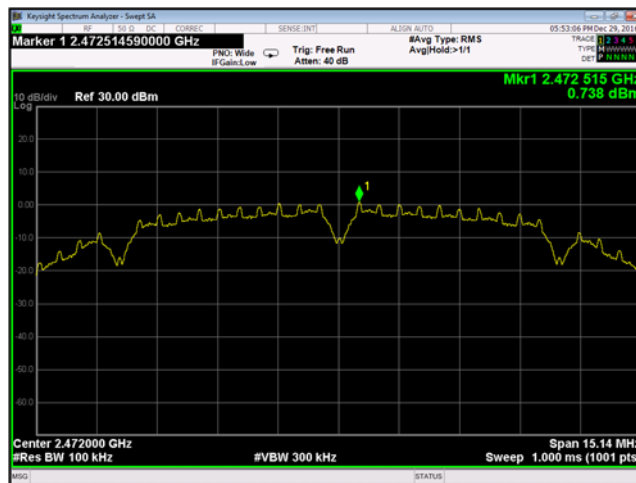
Plot 9-65 Chain A Peak Power Spectral Density 802.11b - Ch.6 (2437 MHz)



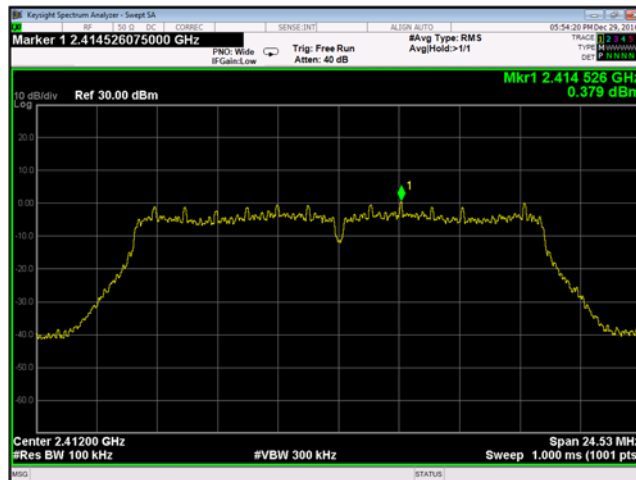
Plot 9-66 Chain A Peak Power Spectral Density 802.11b - Ch.11 (2462 MHz)



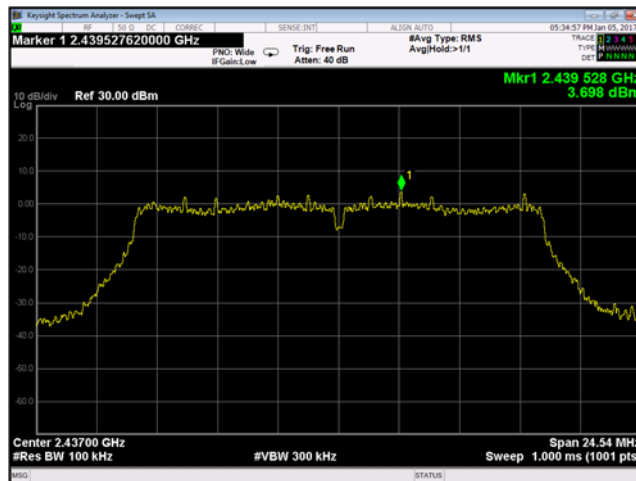
Plot 9-67 Chain A Peak Power Spectral Density 802.11b - Ch.12 (2467 MHz)



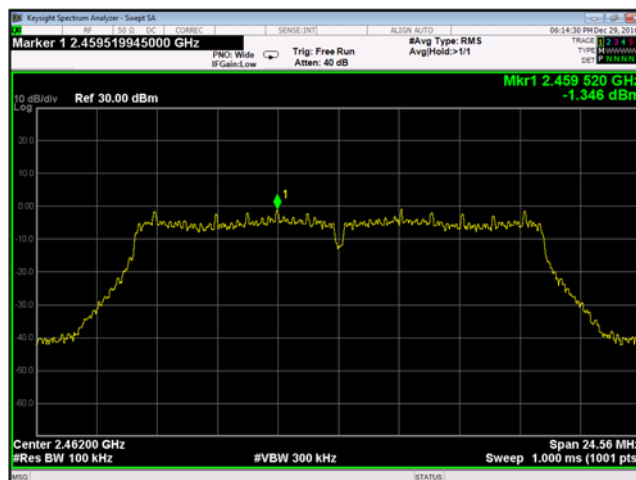
Plot 9-68 Chain A Peak Power Spectral Density 802.11b - Ch.13 (2472 MHz)



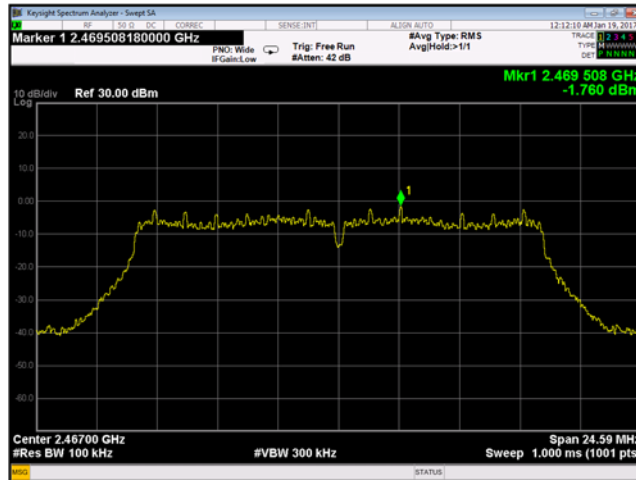
Plot 9-69 Chain A Peak Power Spectral Density 802.11g - Ch.1 (2412 MHz)



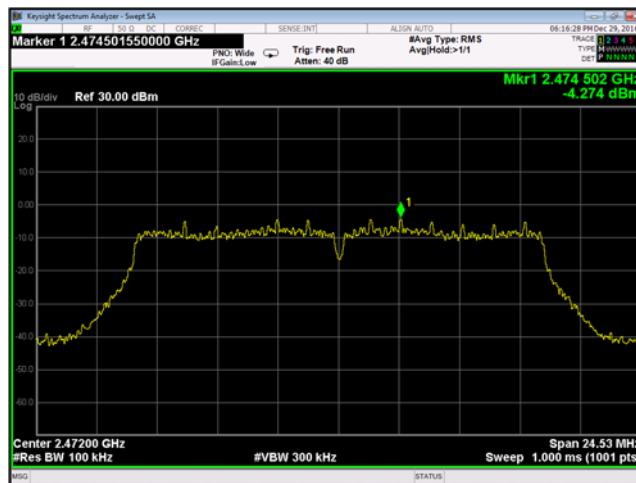
Plot 9-70 Chain A Peak Power Spectral Density 802.11g - Ch.6 (2437 MHz)



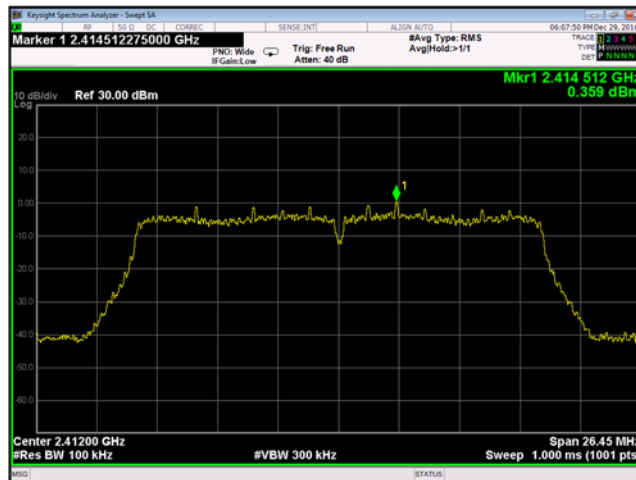
Plot 9-71 Chain A Peak Power Spectral Density 802.11g - Ch.11 (2462 MHz)



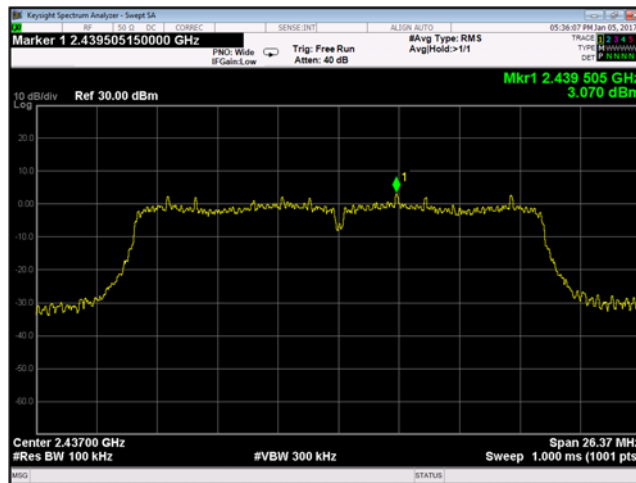
Plot 9-72 Chain A Peak Power Spectral Density 802.11g - Ch.12 (2467 MHz)



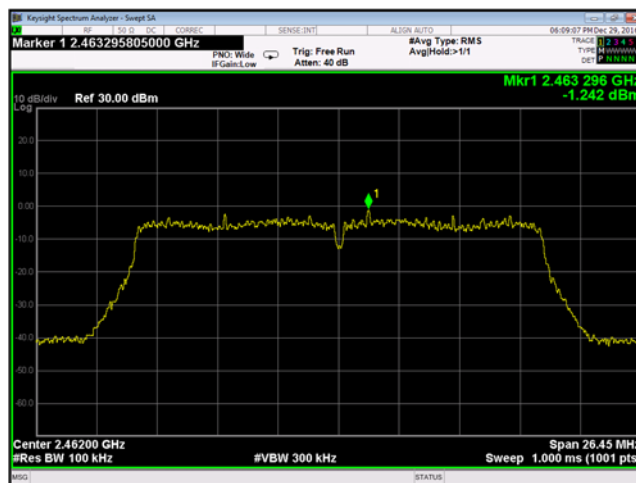
Plot 9-73 Chain A Peak Power Spectral Density 802.11g - Ch.13 (2472 MHz)



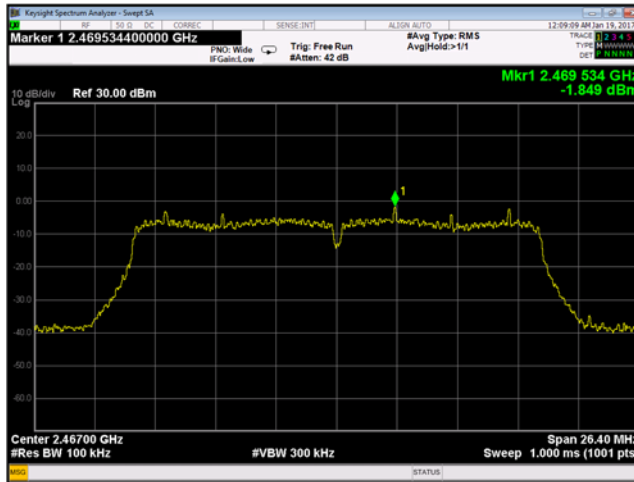
Plot 9-74 Chain A Peak Power Spectral Density 802.11n - Ch.1 (2412 MHz)



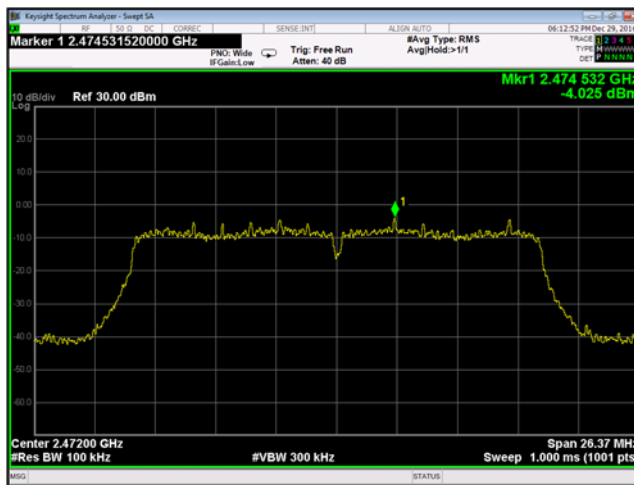
Plot 9-75 Chain A Peak Power Spectral Density 802.11n - Ch.6 (2437 MHz)



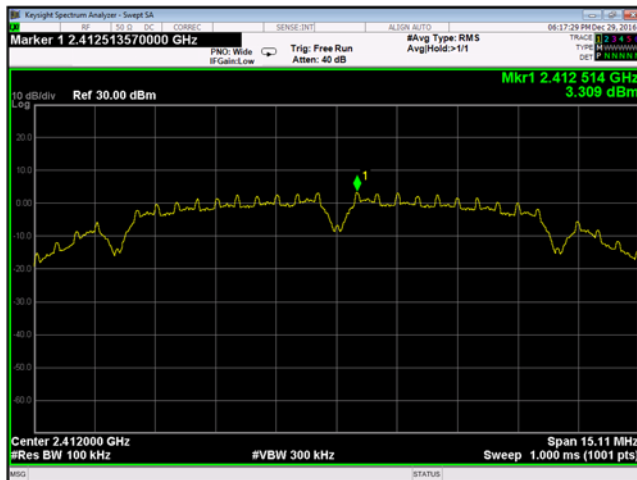
Plot 9-76 Chain A Peak Power Spectral Density 802.11n - Ch.11 (2462 MHz)



Plot 9-77 Chain A Peak Power Spectral Density 802.11n - Ch.12 (2467 MHz)



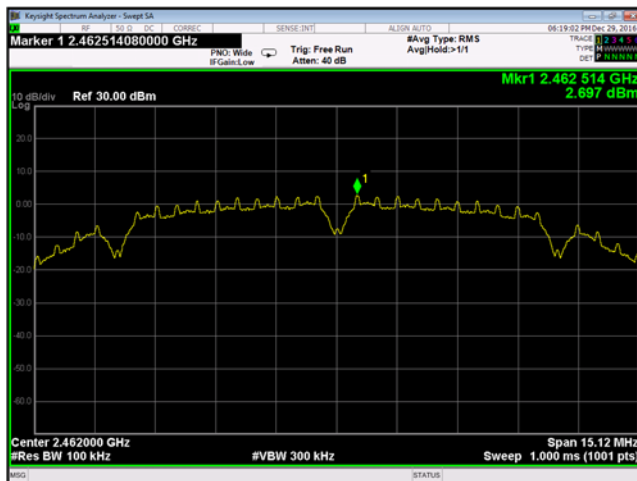
Plot 9-78 Chain A Peak Power Spectral Density 802.11n - Ch.13 (2472 MHz)



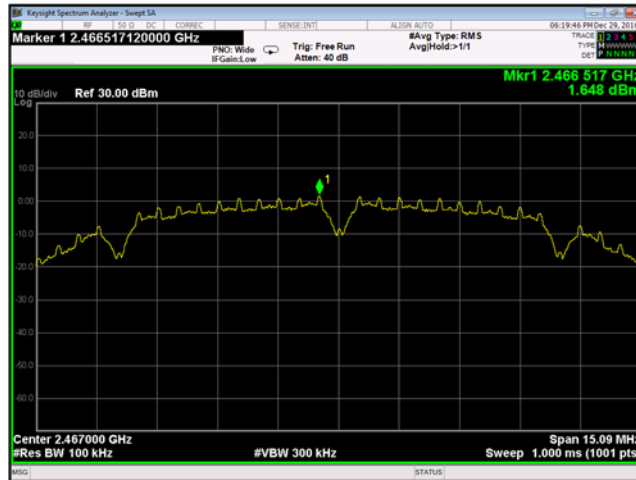
Plot 9-79 Chain B Peak Power Spectral Density 802.11b - Ch.1 (2412 MHz)



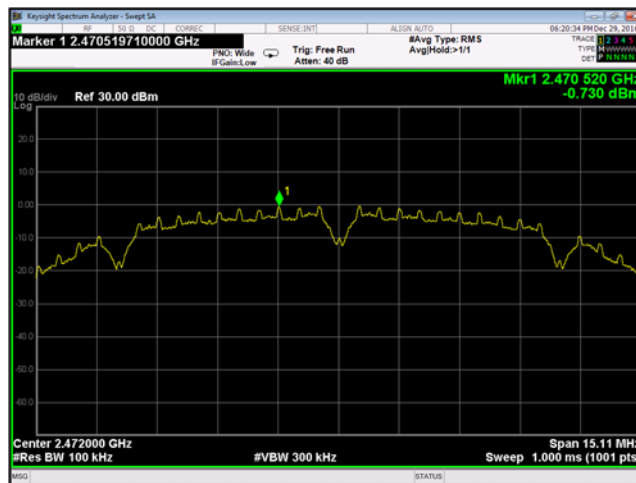
Plot 9-80 Chain B Peak Power Spectral Density 802.11b - Ch.6 (2437 MHz)



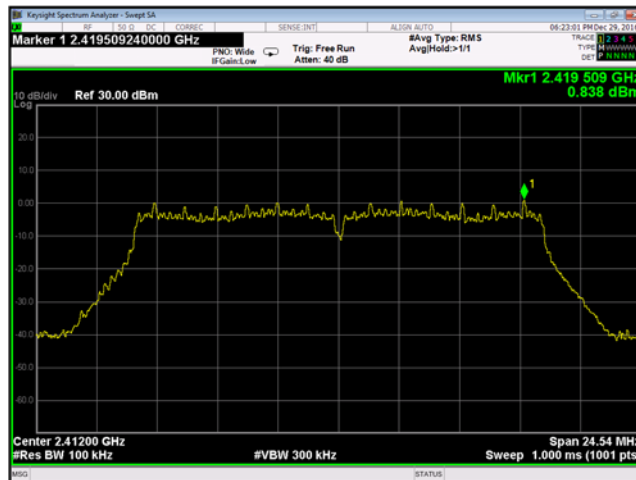
Plot 9-81 Chain B Peak Power Spectral Density 802.11b - Ch.11 (2462 MHz)



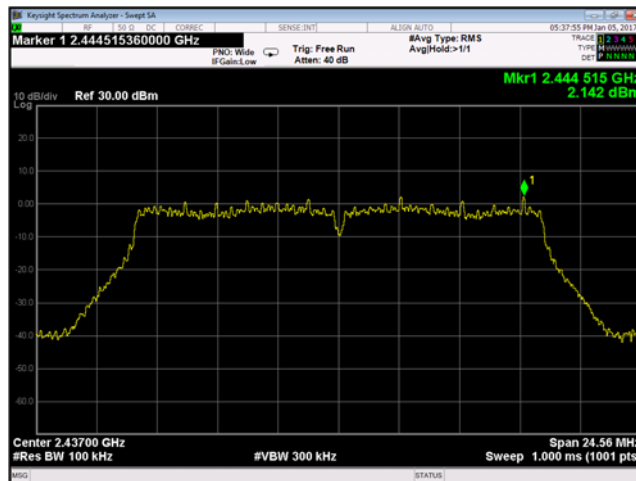
Plot 9-82 Chain B Peak Power Spectral Density 802.11b - Ch.12 (2467 MHz)



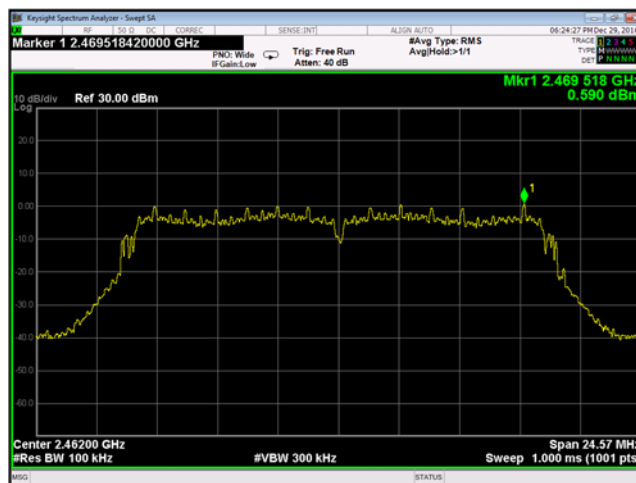
Plot 9-83 Chain B Peak Power Spectral Density 802.11b - Ch.13 (2472 MHz)



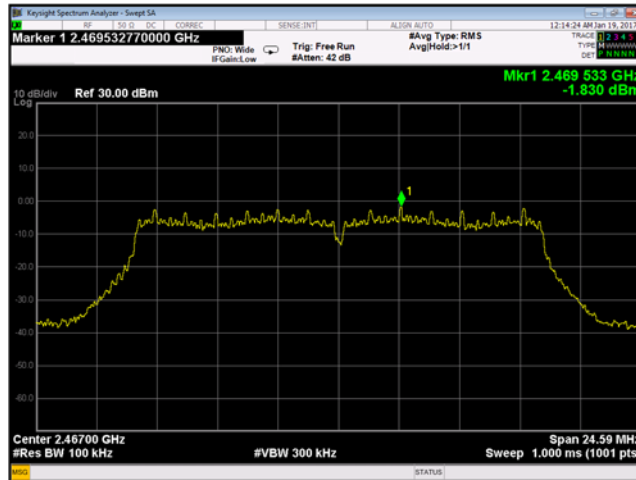
Plot 9-84 Chain B Peak Power Spectral Density 802.11g - Ch.1 (2412 MHz)



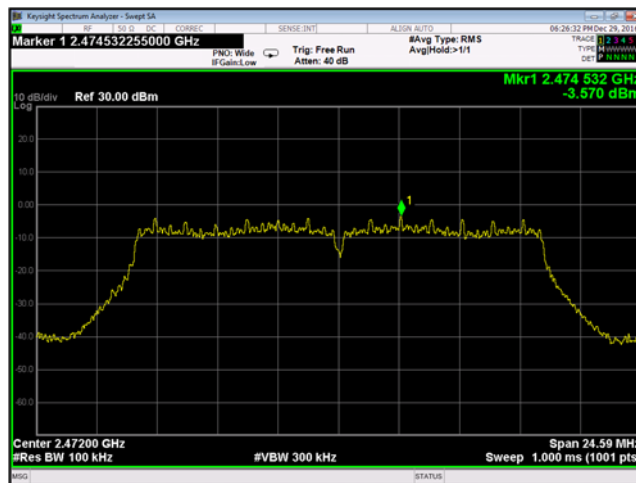
Plot 9-85 Chain B Peak Power Spectral Density 802.11g - Ch.6 (2437 MHz)



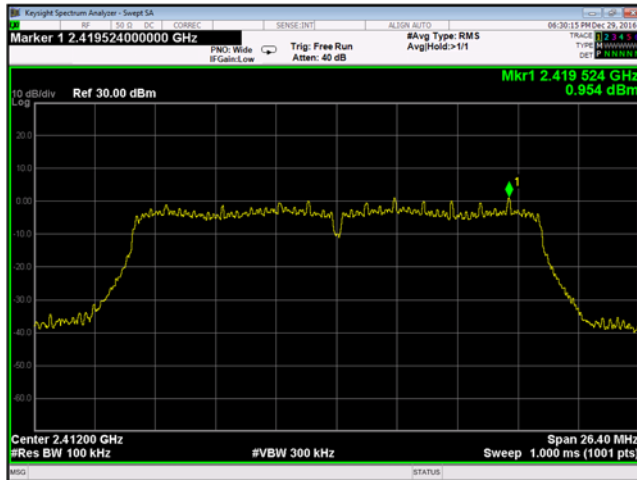
Plot 9-86 Chain B Peak Power Spectral Density 802.11g - Ch.11 (2462 MHz)



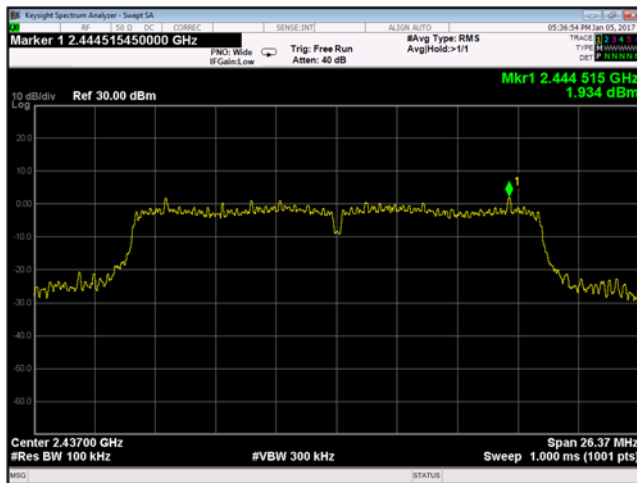
Plot 9-87 Chain B Peak Power Spectral Density 802.11g - Ch.12 (2467 MHz)



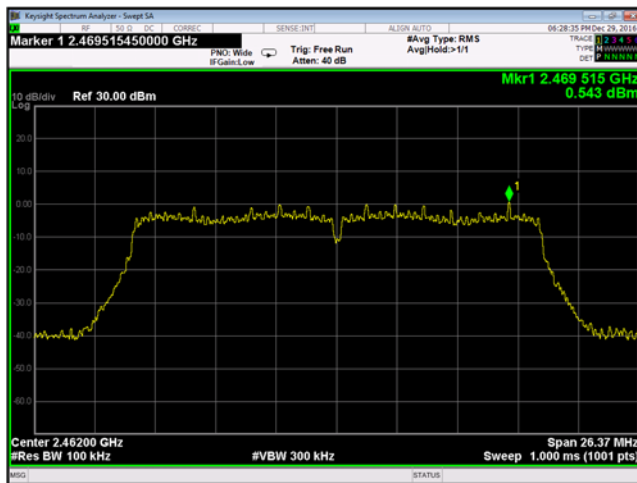
Plot 9-88 Chain B Peak Power Spectral Density 802.11g - Ch.13 (2472 MHz)



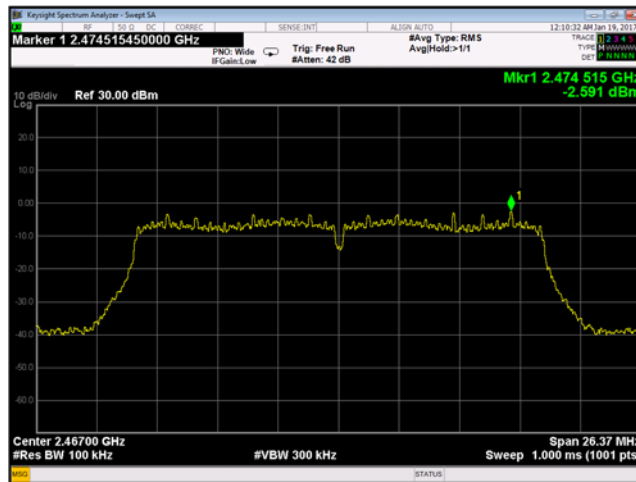
Plot 9-89 Chain B Peak Power Spectral Density 802.11n - Ch.1 (2412 MHz)



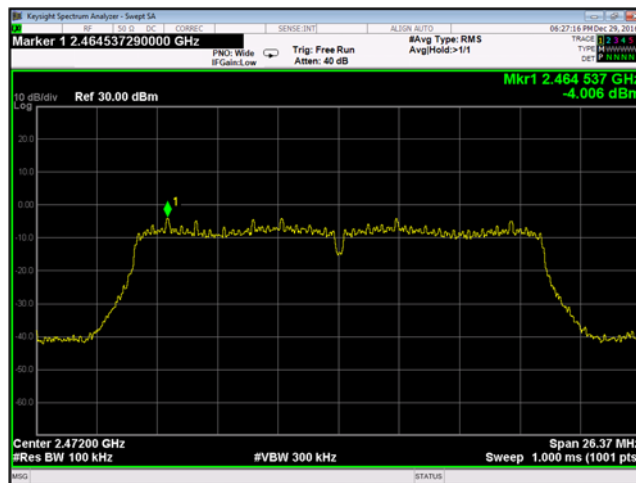
Plot 9-90 Chain B Peak Power Spectral Density 802.11n - Ch.6 (2437 MHz)



Plot 9-91 Chain B Peak Power Spectral Density 802.11n - Ch.11 (2462 MHz)



Plot 9-92 Chain B Peak Power Spectral Density 802.11n - Ch.12 (2467 MHz)



Plot 9-93 Chain B Peak Power Spectral Density 802.11n - Ch.13 (2472 MHz)

9.6 Conducted Spurious Emissions

9.6.1 Test Requirement:

FCC CFR 47 Rule Part 15.247 (d)
ISED RSS-247 [5.5]

9.6.2 Test Method:

Measurements were performed according to the procedure defined in KDB 558074 - Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 V04 and ANSI C63.10 2013.

Spectrum Analyzer settings:

Identification of Reference Level:

RBW= 100 kHz
VBW $\geq 3 \times$ RBW
Trace Mode= Peak Detector (Max Hold)
Sweep time= auto couple
Span ≥ 1.5 times DTS Bandwidth
Peak Marker function to determine the max PSD level.

Conducted Spurious Emissions:

RBW= 1 MHz
VBW $\geq 3 \times$ RBW = 3 MHz
Trace Mode= Peak Detector (Max Hold)
Sweep time= auto couple

Span= 30 MHz- 12 GHz; 12 GHz – 25 GHz
Sweep Points= 30000

9.6.3 Limits:

All spurious emissions at least 20 dBc.

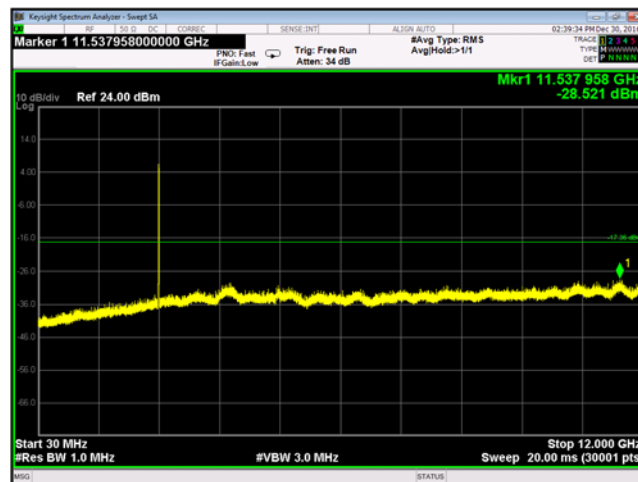
9.6.4 Test Result:

Pass.

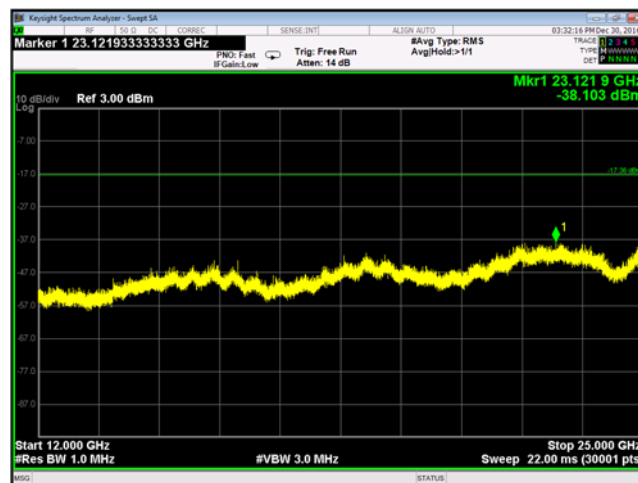
9.6.5 Test Data:



Plot 9-94 Chain A Reference Level 802.11b - Ch.1 (2412 MHz)



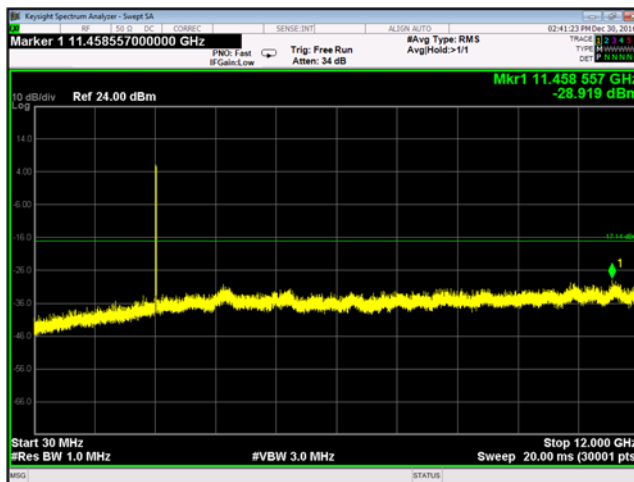
Plot 9-95 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.1 (2412 MHz)



Plot 9-96 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.1 (2412 MHz)



Plot 9-97 Chain A Reference Level 802.11b - Ch.6 (2437 MHz)



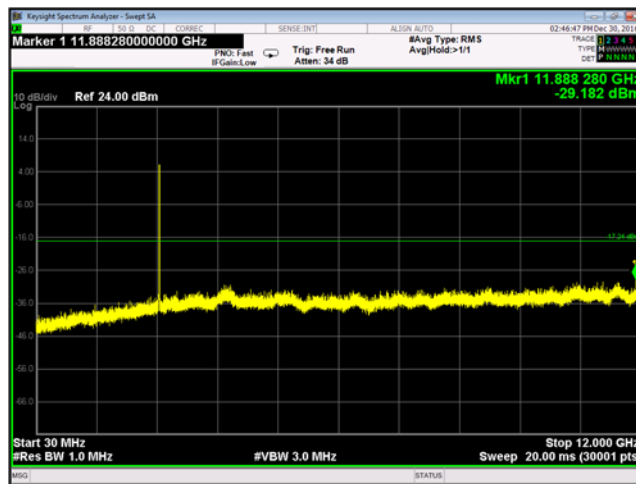
Plot 9-98 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.6 (2437 MHz)



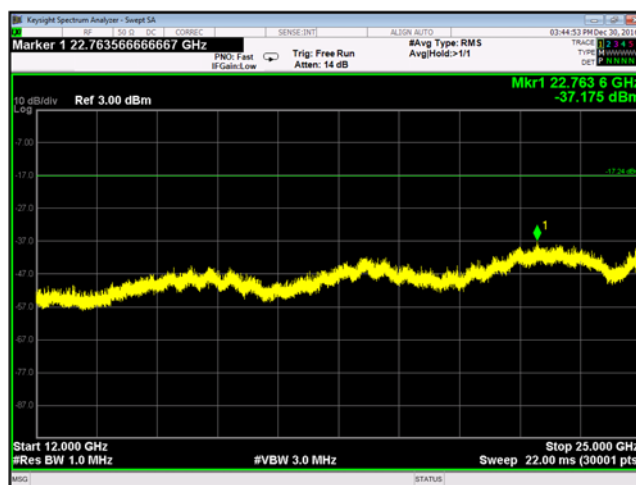
Plot 9-99 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.6 (2437 MHz)



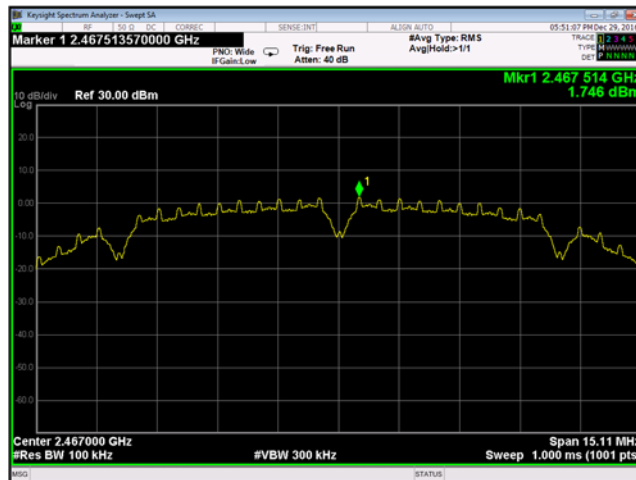
Plot 9-100 Chain A Reference Level 802.11b - Ch.11 (2462 MHz)



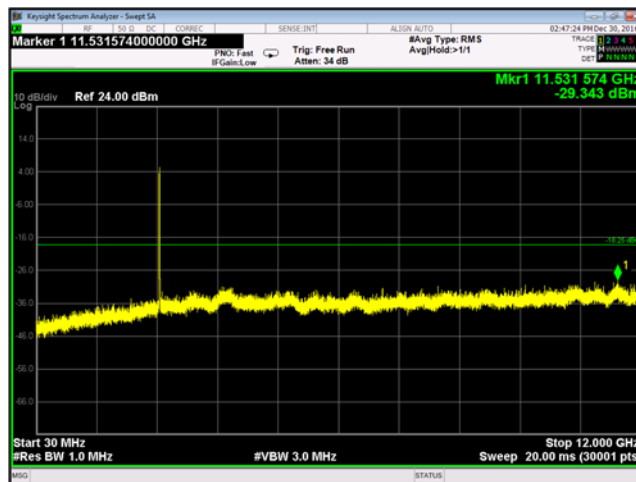
Plot 9-101 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.11 (2462 MHz)



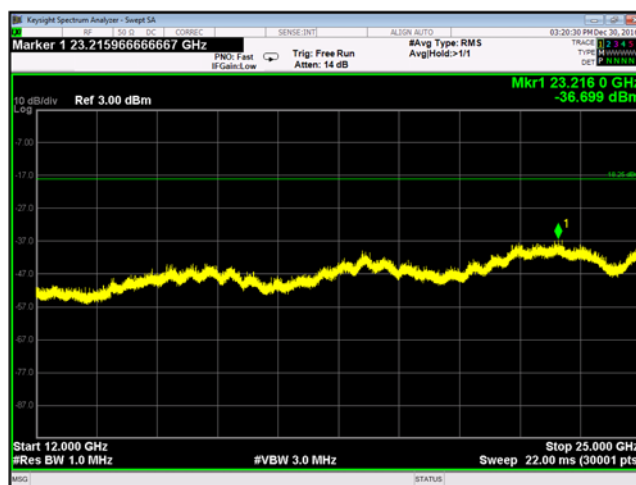
Plot 9-102 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.11 (2462 MHz)



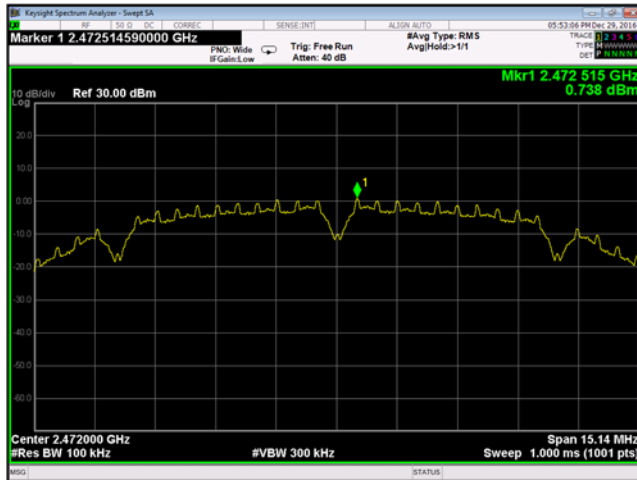
Plot 9-103 Chain A Reference Level 802.11b - Ch.12 (2467 MHz)



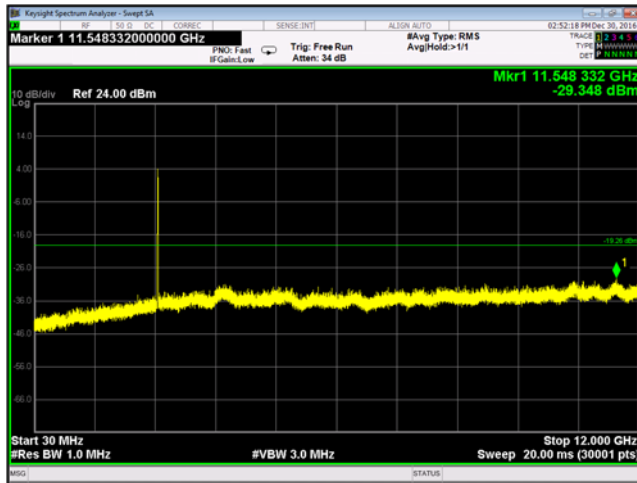
Plot 9-104 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.12 (2467 MHz)



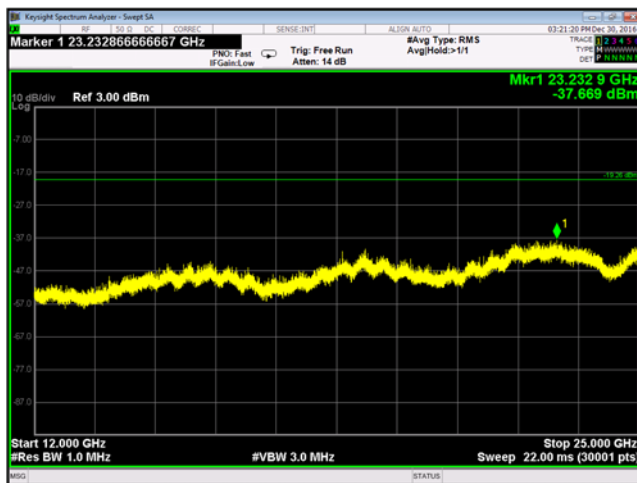
Plot 9-105 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.12 (2467 MHz)



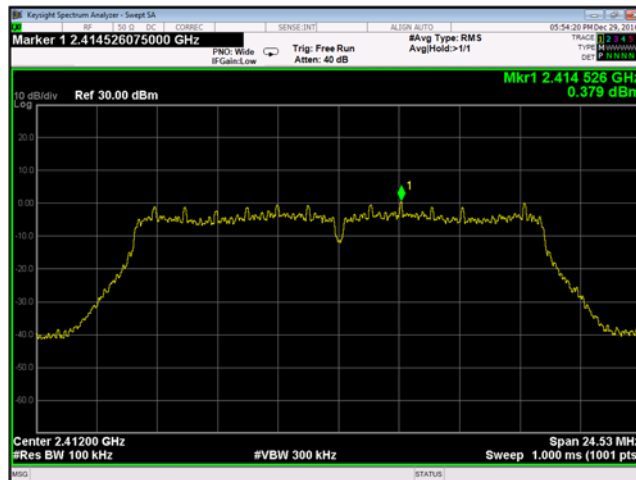
Plot 9-106 Chain A Reference Level 802.11b - Ch.13 (2472 MHz)



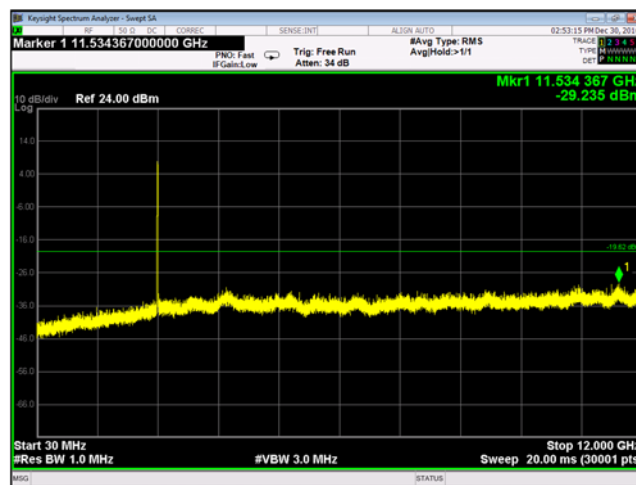
Plot 9-107 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.13 (2472 MHz)



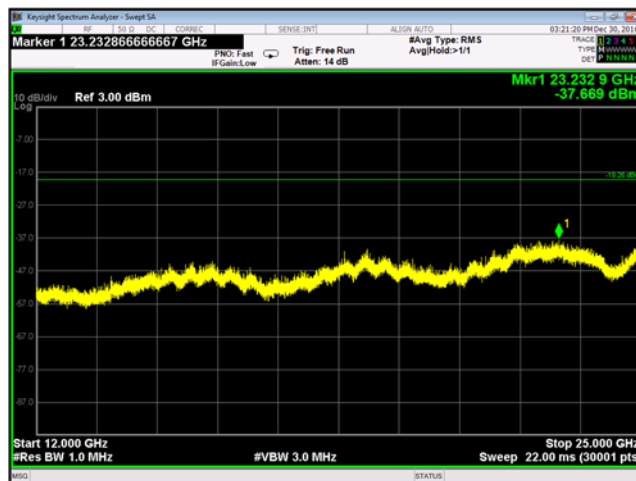
Plot 9-108 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.13 (2472 MHz)



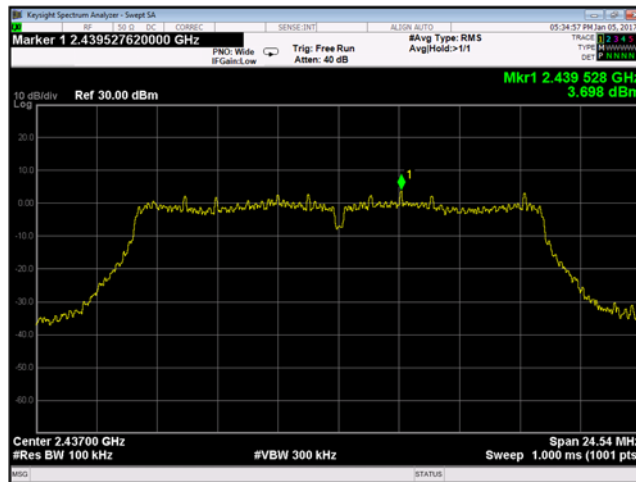
Plot 9-109 Chain A Reference Level 802.11g - Ch.1 (2412 MHz)



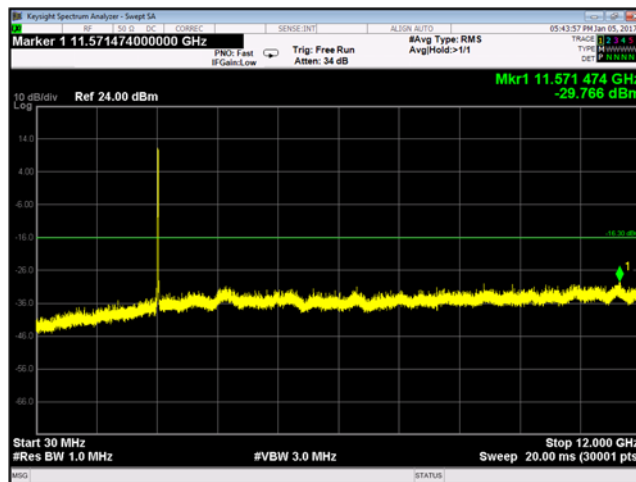
Plot 9-110 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.1 (2412 MHz)



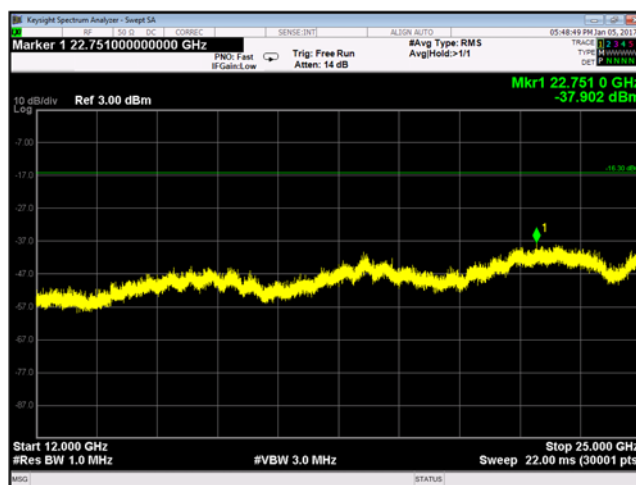
Plot 9-111 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.1 (2412 MHz)



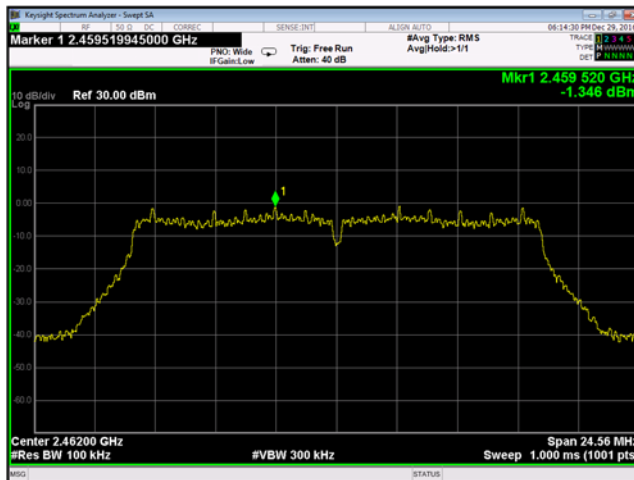
Plot 9-112 Chain A Reference Level 802.11g - Ch.6 (2437 MHz)



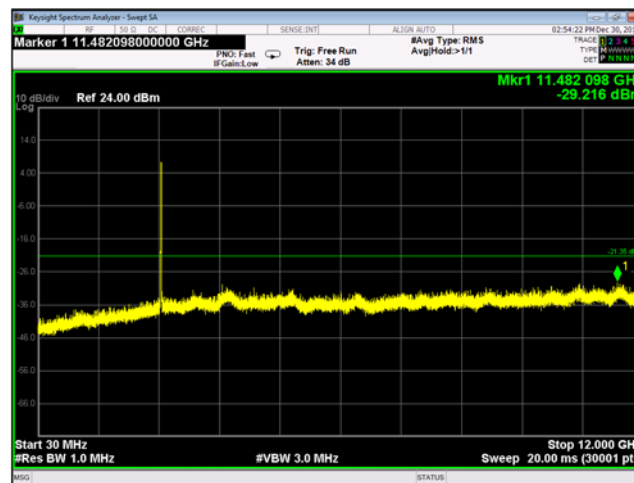
Plot 9-113 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.6 (2437 MHz)



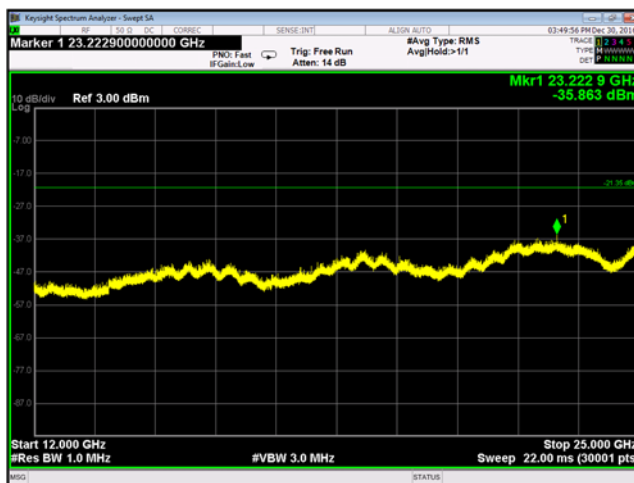
Plot 9-114 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.6 (2437 MHz)



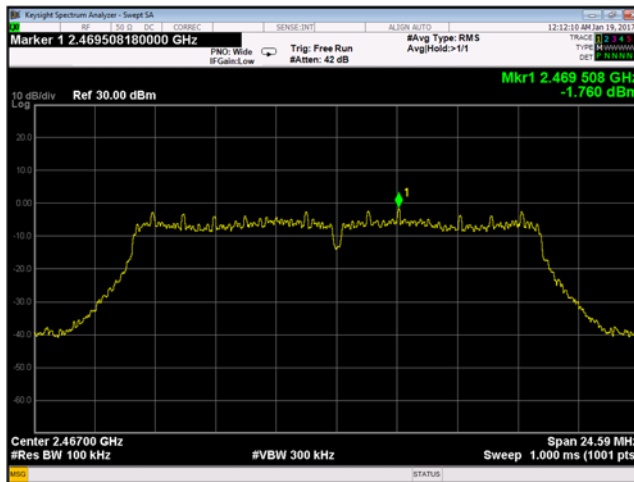
Plot 9-115 Chain A Reference Level 802.11g - Ch.11 (2462 MHz)



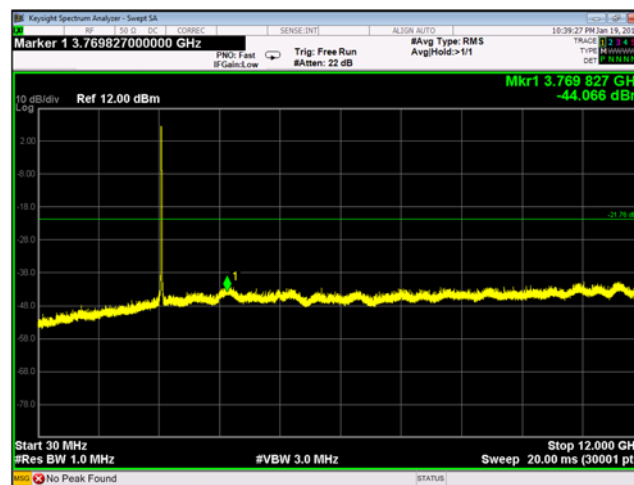
Plot 9-116 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.11 (2462 MHz)



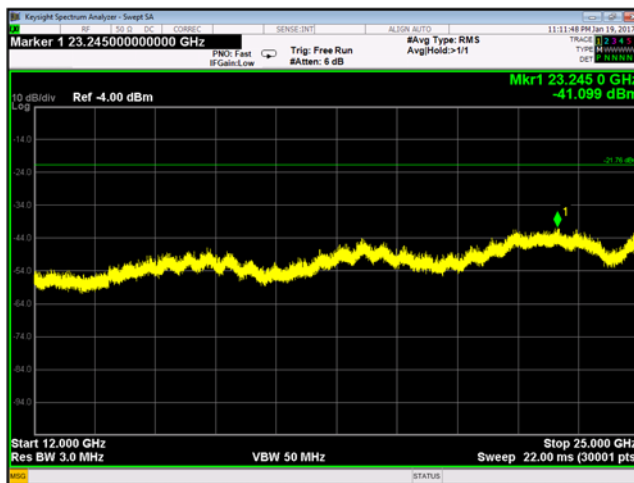
Plot 9-117 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.11 (2462 MHz)



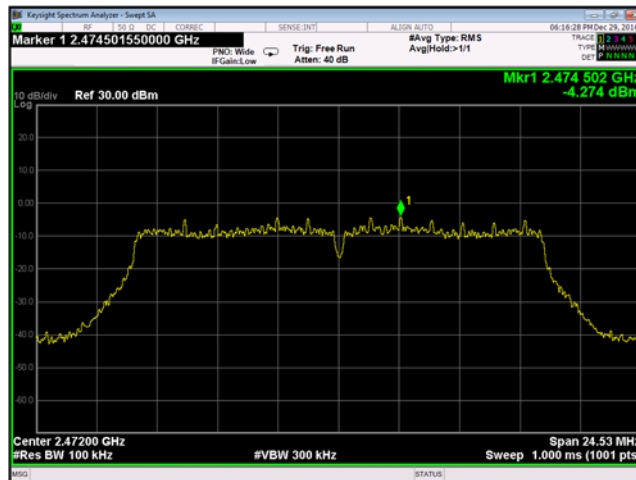
Plot 9-118 Chain A Reference Level 802.11g - Ch.12 (2467 MHz)



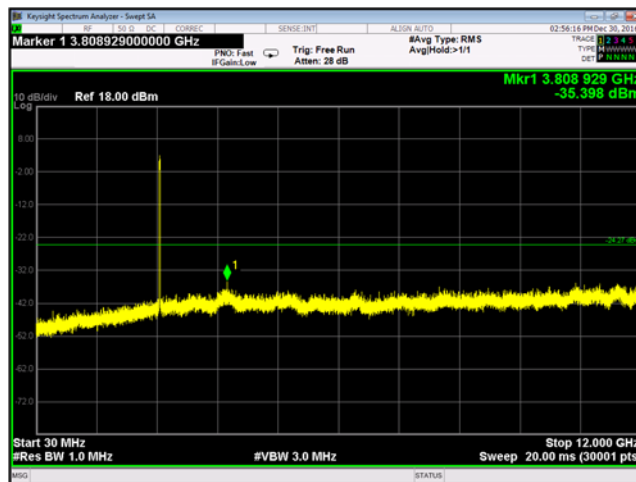
Plot 9-119 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.12 (2467 MHz)



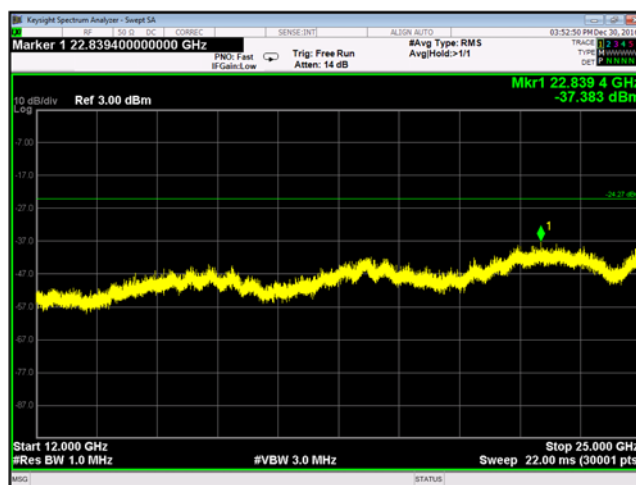
Plot 9-120 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.12 (2467 MHz)



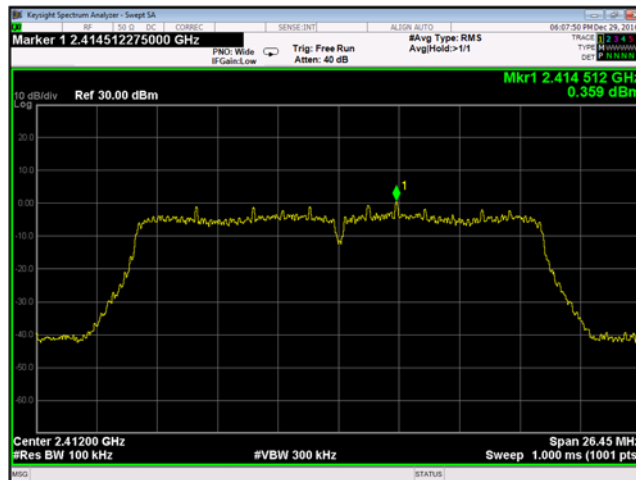
Plot 9-121 Chain A Reference Level 802.11g - Ch.13 (2472 MHz)



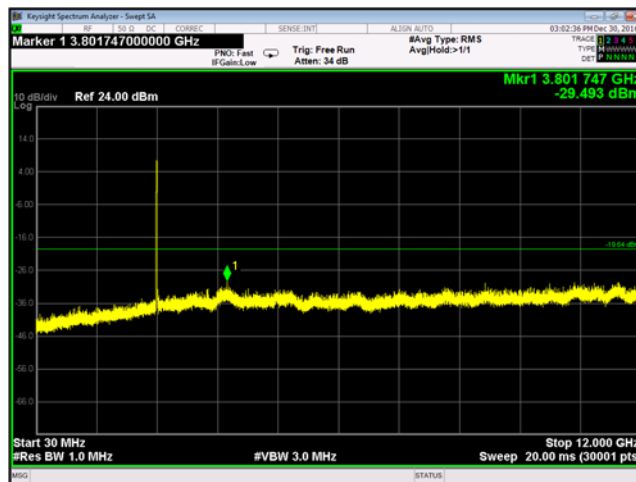
Plot 9-122 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.13 (2472 MHz)



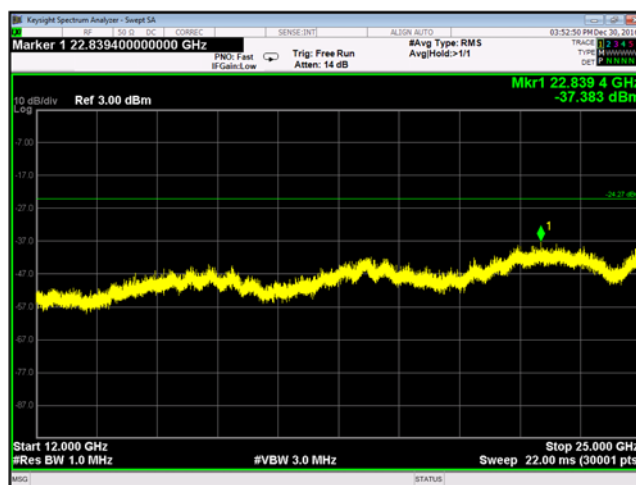
Plot 9-123 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.13 (2472 MHz)



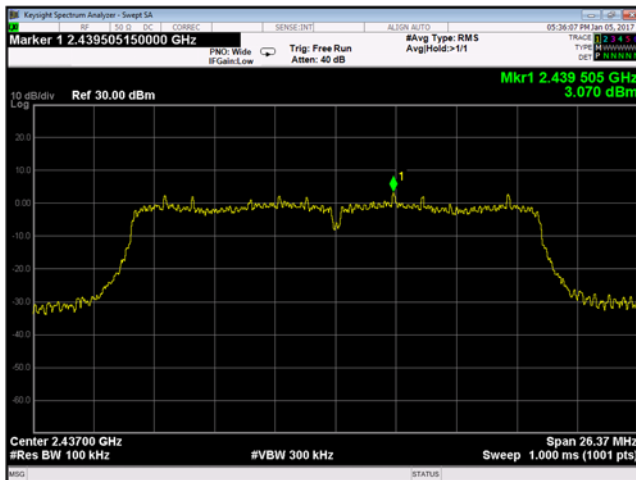
Plot 9-124 Chain A Reference Level 802.11n - Ch.1 (2412 MHz)



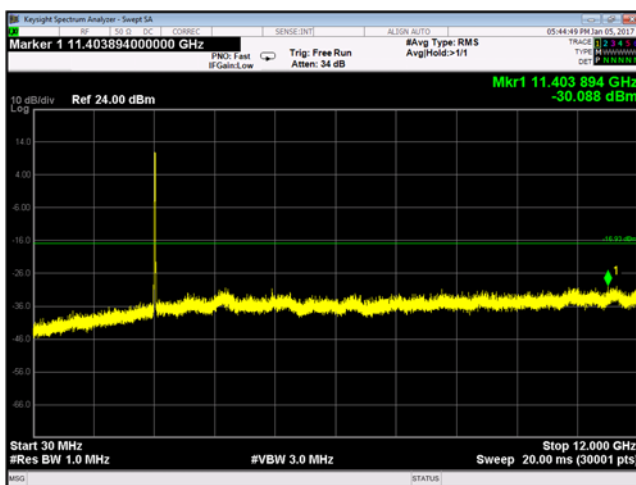
Plot 9-125 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.1 (2412 MHz)



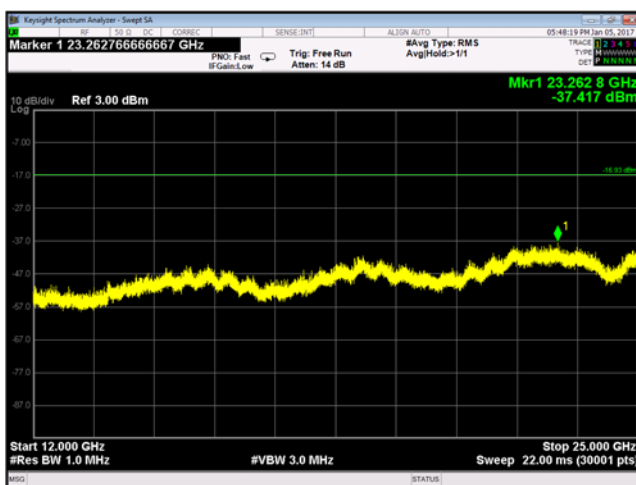
Plot 9-126 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.1 (2412 MHz)



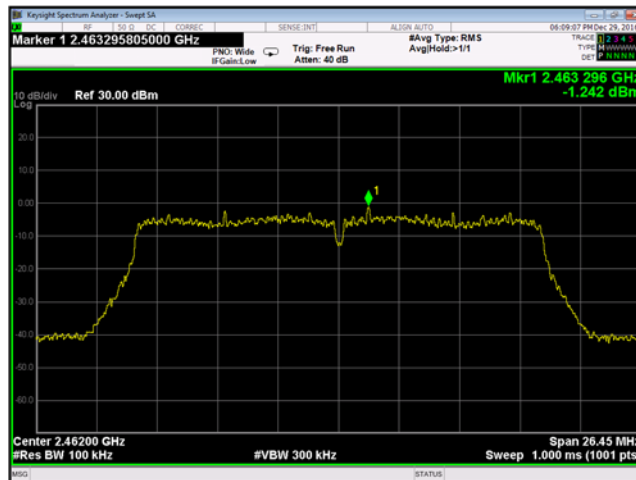
Plot 9-127 Chain A Reference Level 802.11n - Ch.6 (2437 MHz)



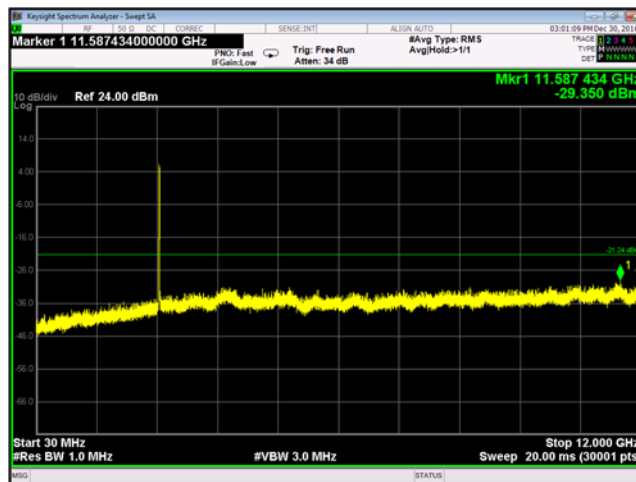
Plot 9-128 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.6 (2437 MHz)



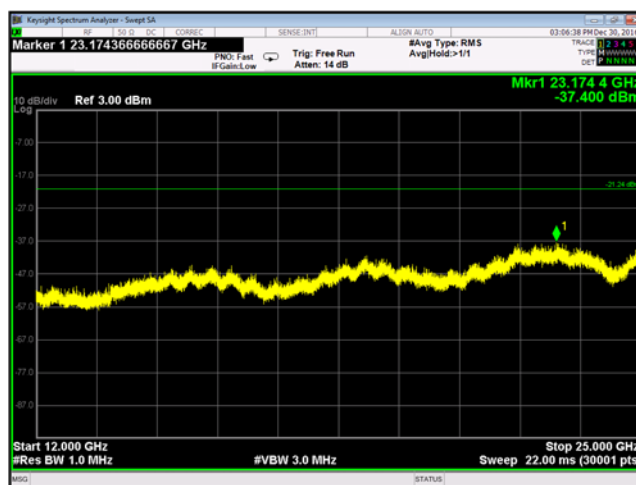
Plot 9-129 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.6 (2437 MHz)



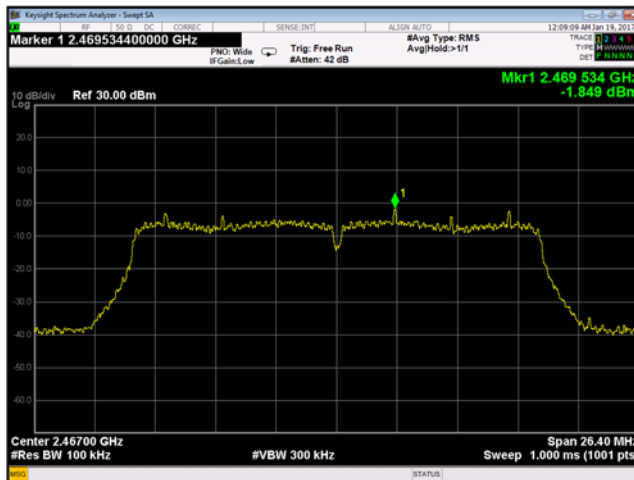
Plot 9-130 Chain A Reference Level 802.11n - Ch.11 (2462 MHz)



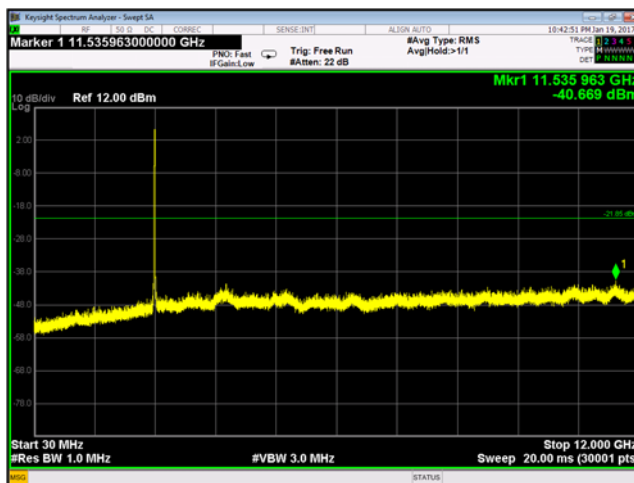
Plot 9-131 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.11 (2462 MHz)



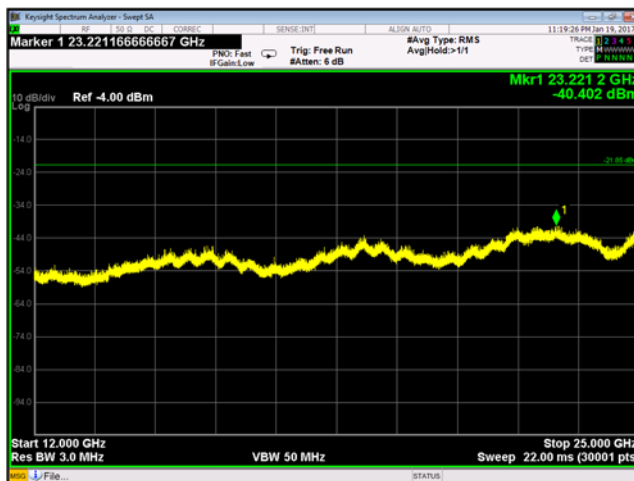
Plot 9-132 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.11 (2462 MHz)



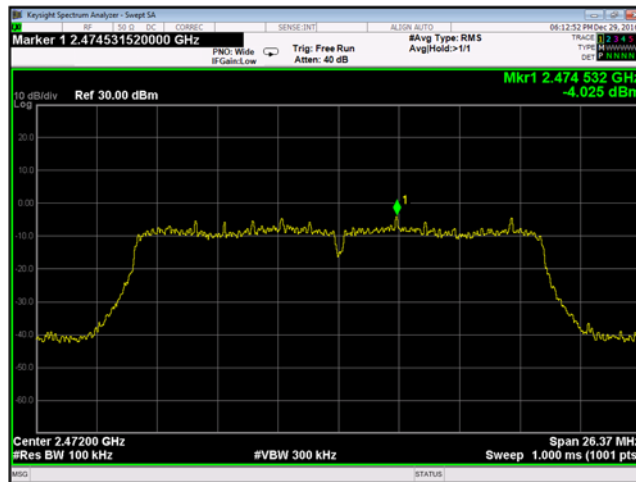
Plot 9-133 Chain A Reference Level 802.11n - Ch.12 (2467 MHz)



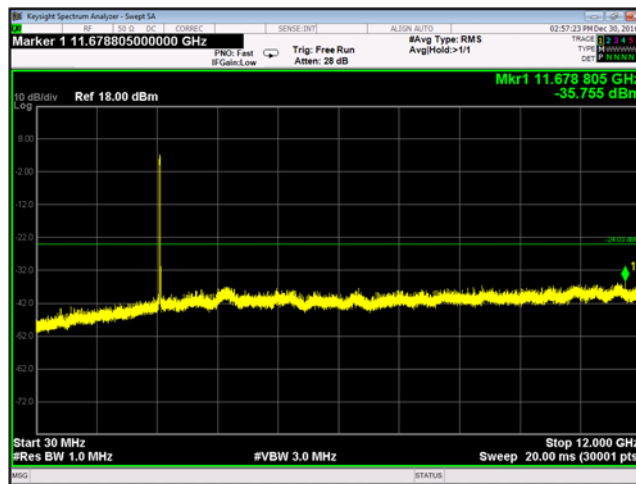
Plot 9-134 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.12 (2467 MHz)



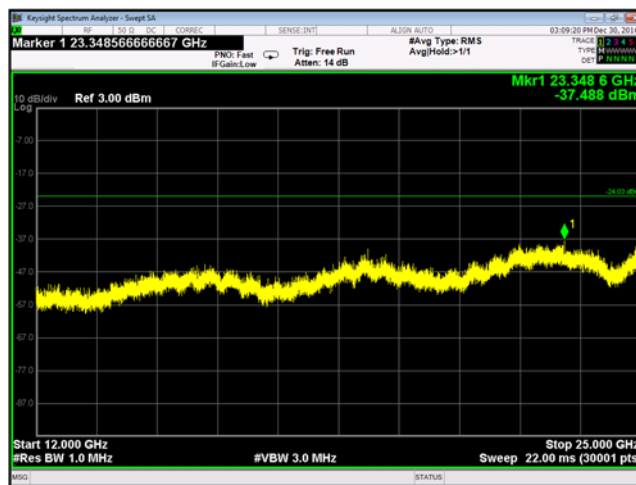
Plot 9-135 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.12 (2467 MHz)



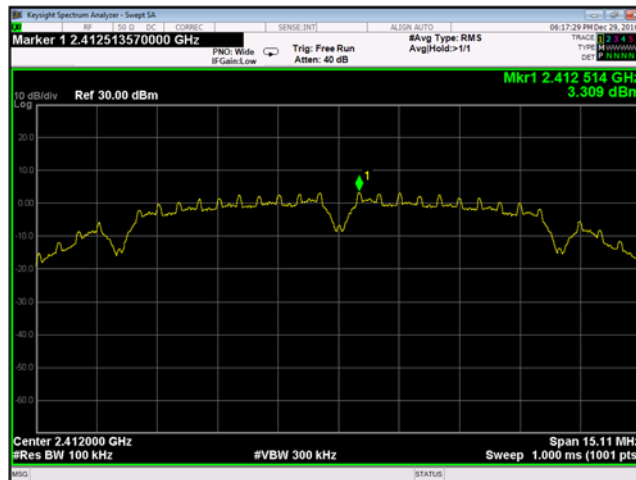
Plot 9-136 Chain A Reference Level 802.11n - Ch.13 (2472 MHz)



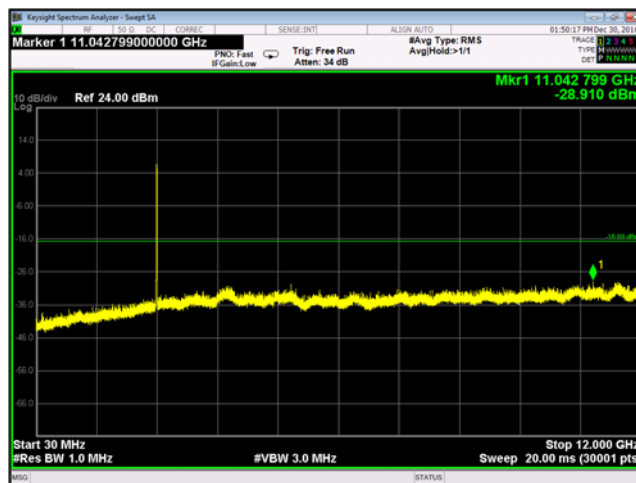
Plot 9-137 Chain A Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.13 (2472 MHz)



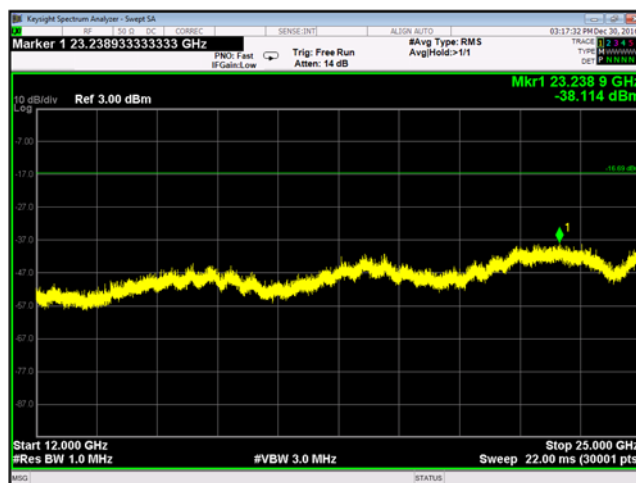
Plot 9-138 Chain A Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.13 (2472 MHz)



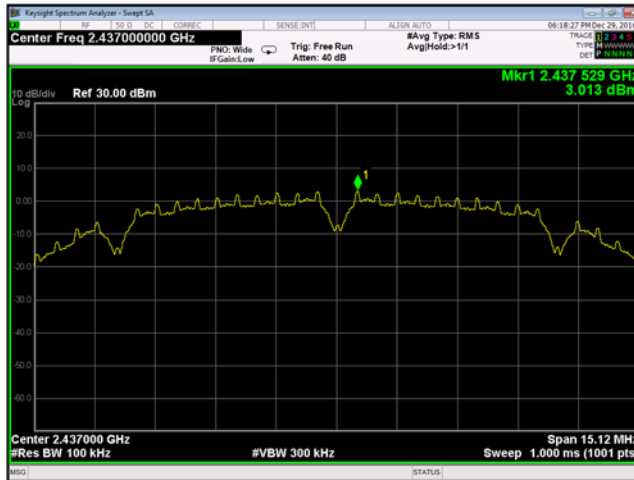
Plot 9-139 Chain B Reference Level 802.11b - Ch.1 (2412 MHz)



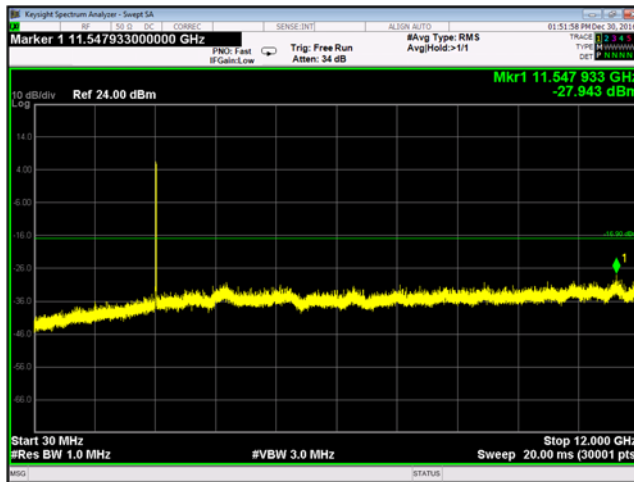
Plot 9-140 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.1 (2412 MHz)



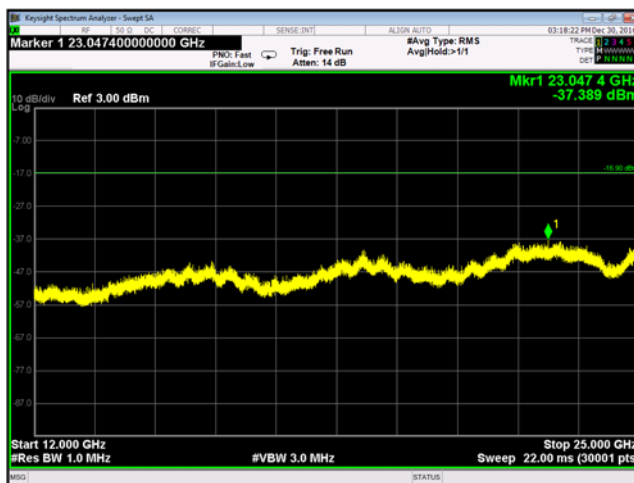
Plot 9-141 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.1 (2412 MHz)



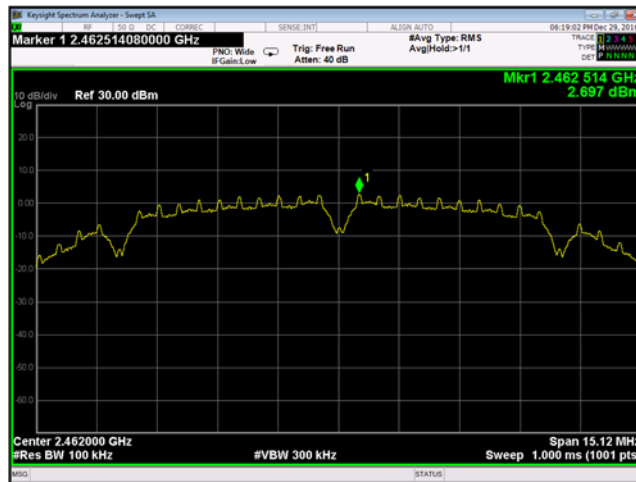
Plot 9-142 Chain B Reference Level 802.11b - Ch.6 (2437 MHz)



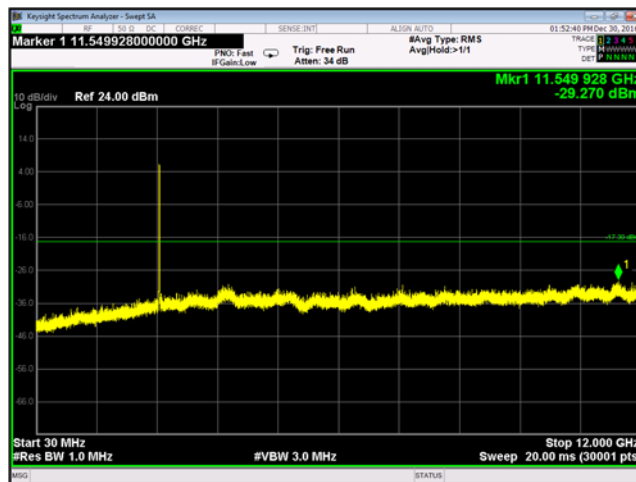
Plot 9-143 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.6 (2437 MHz)



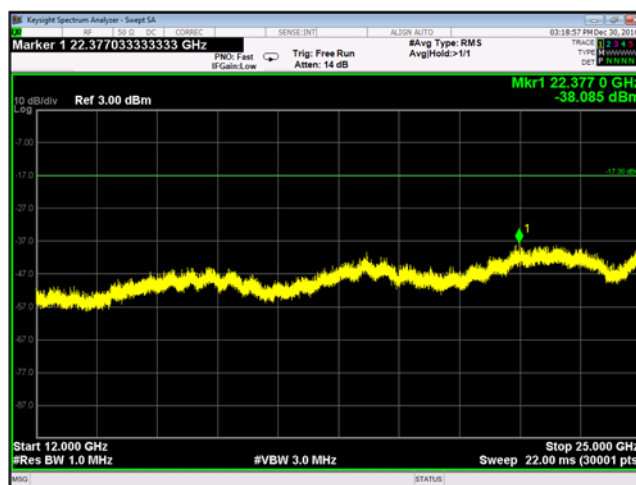
Plot 9-144 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.6 (2437 MHz)



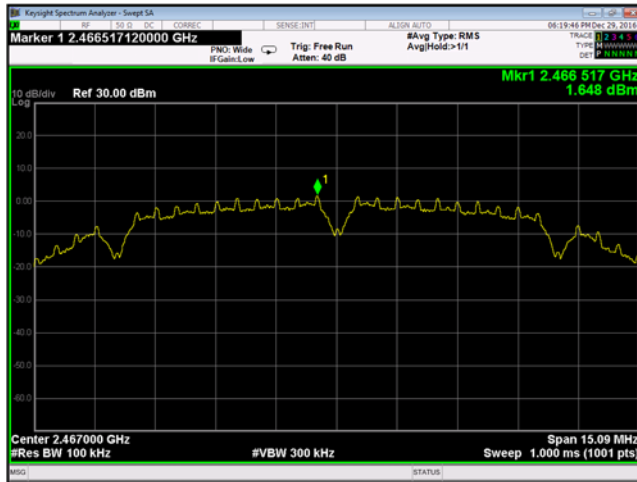
Plot 9-145 Chain B Reference Level 802.11b - Ch.11 (2462 MHz)



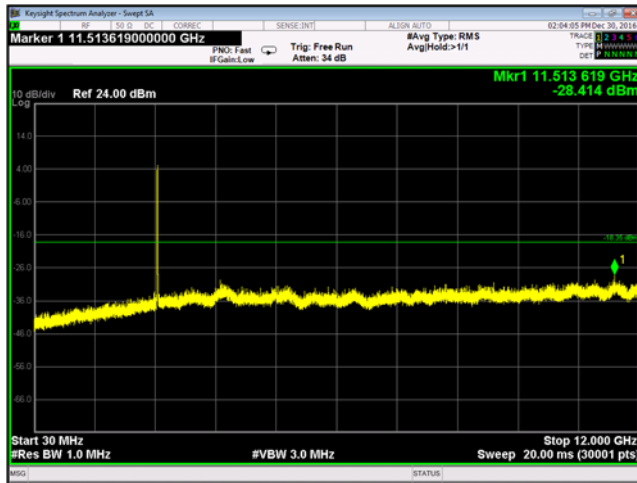
Plot 9-146 Chain B Conducted Spurious Emissions 3 0MHz - 12 GHz 802.11b - Ch.11 (2462 MHz)



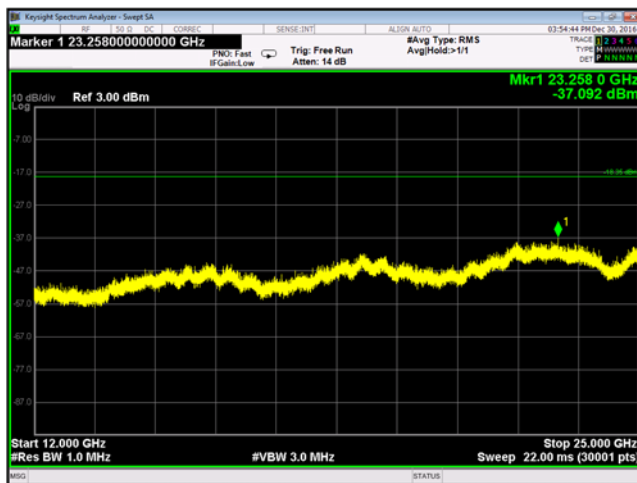
Plot 9-147 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.11 (2462 MHz)



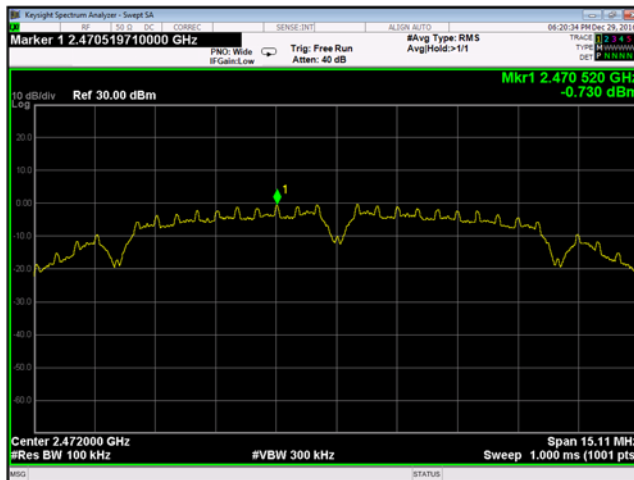
Plot 9-148 Chain B Reference Level 802.11b - Ch.12 (2467 MHz)



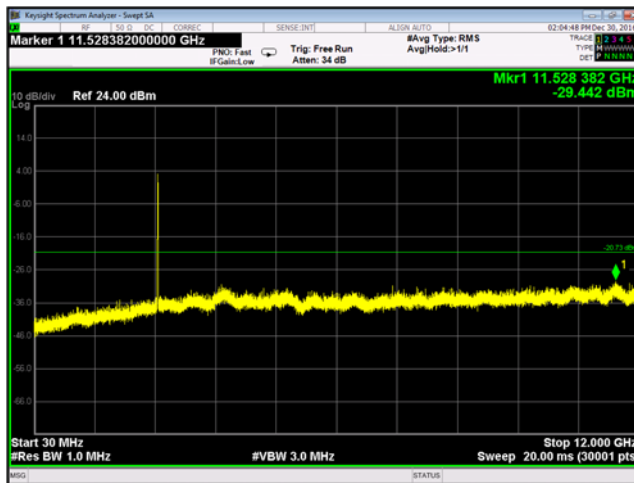
Plot 9-149 Chain B Conducted Spurious Emissions 3 0MHz - 12 GHz 802.11b - Ch.12 (2467 MHz)



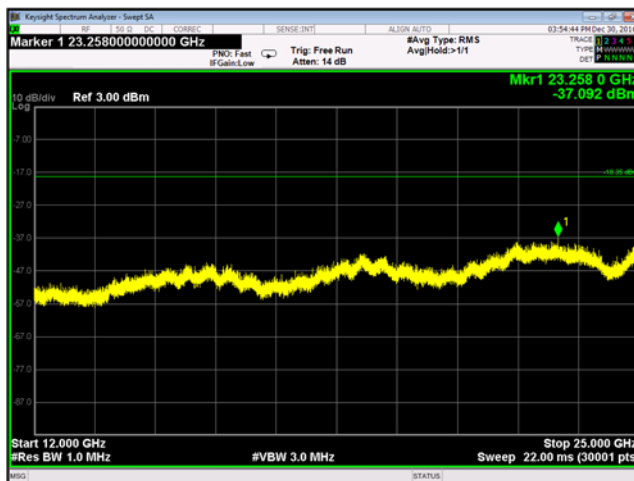
Plot 9-150 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.12 (2467 MHz)



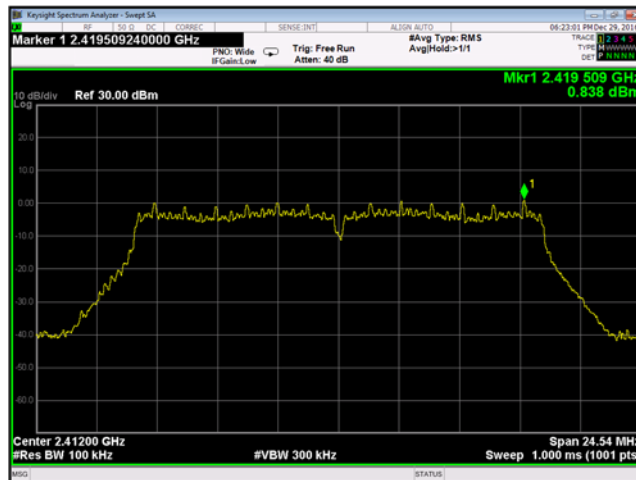
Plot 9-151 Chain B Reference Level 802.11b - Ch.13 (2472 MHz)



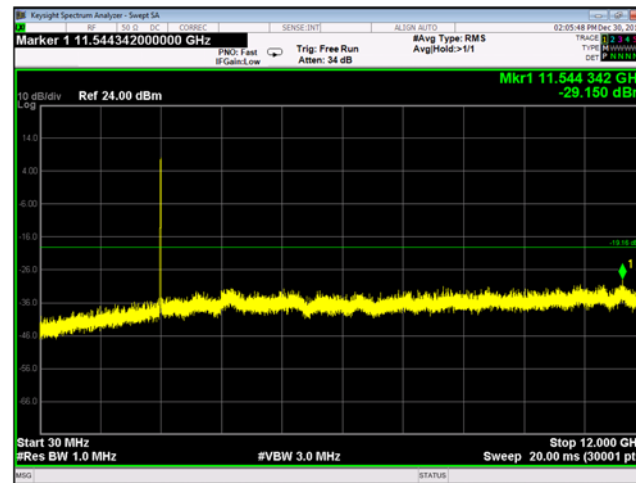
Plot 9-152 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11b - Ch.13 (2472 MHz)



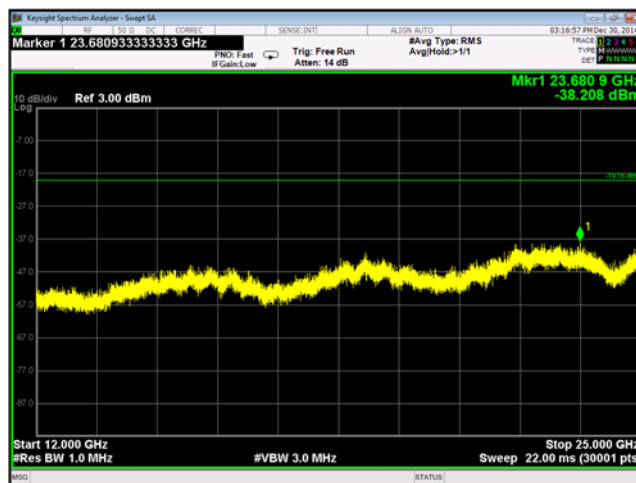
Plot 9-153 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11b - Ch.13 (2472 MHz)



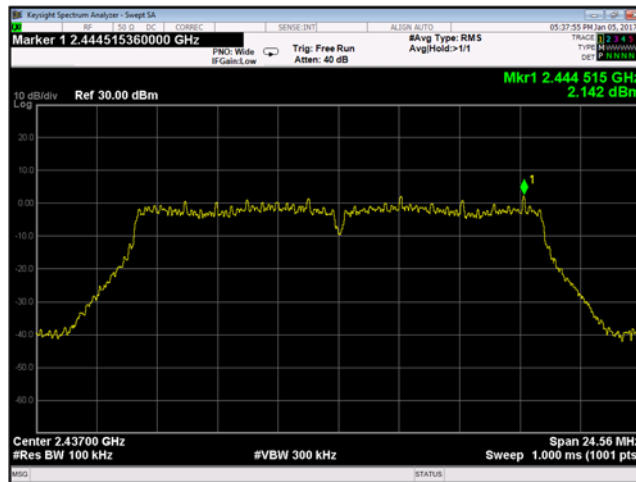
Plot 9-154 Chain B Reference Level 802.11g - Ch.1 (2412 MHz)



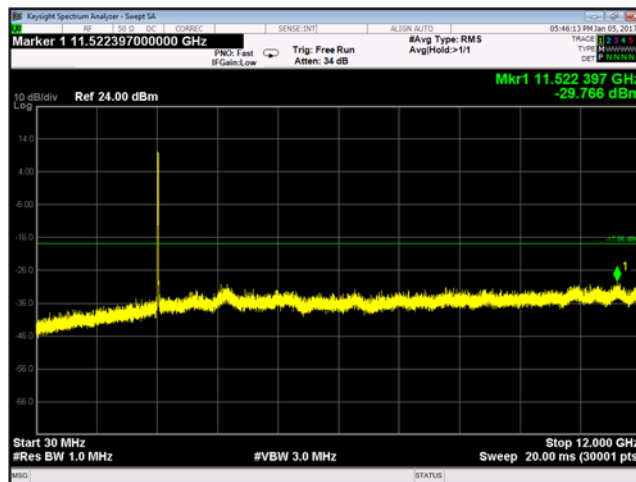
Plot 9-155 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.1 (2412 MHz)



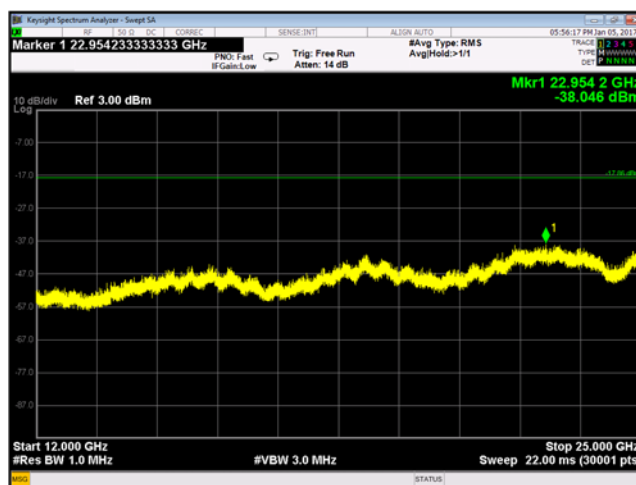
Plot 9-156 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.1 (2412 MHz)



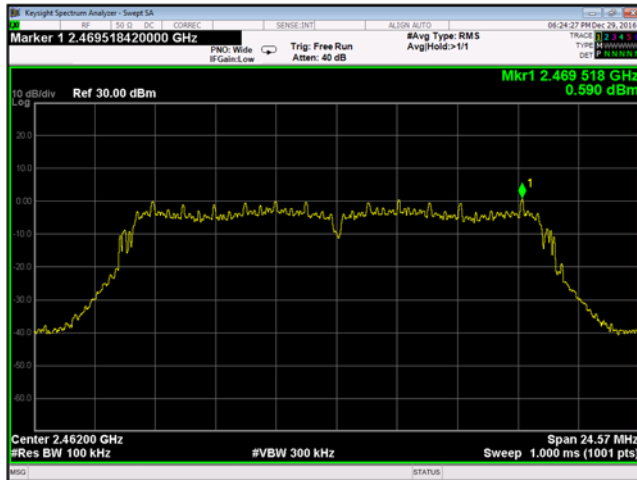
Plot 9-157 Chain B Reference Level 802.11g - Ch.6 (2437 MHz)



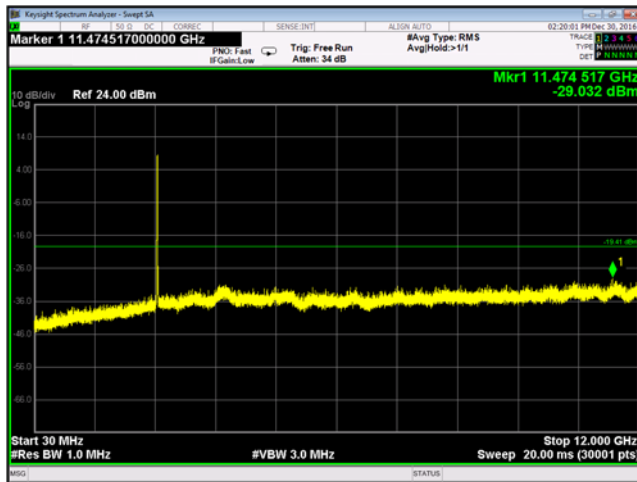
Plot 9-158 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.6 (2437 MHz)



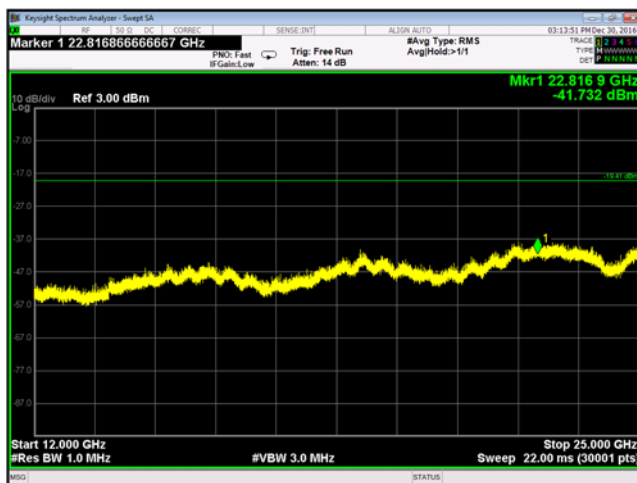
Plot 9-159 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.6 (2437 MHz)



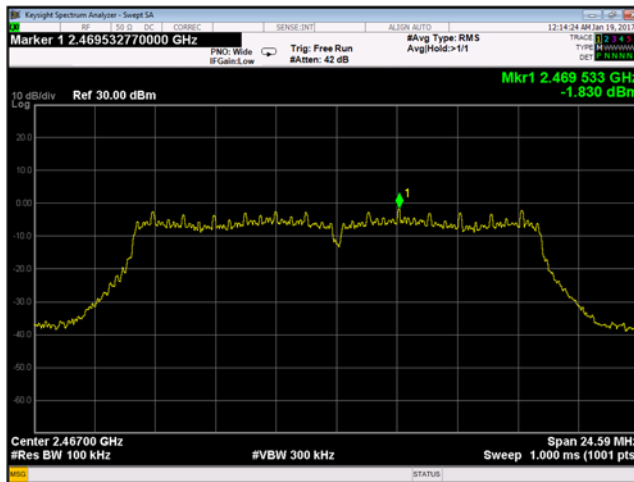
Plot 9-160 Chain B Reference Level 802.11g - Ch.11 (2462 MHz)



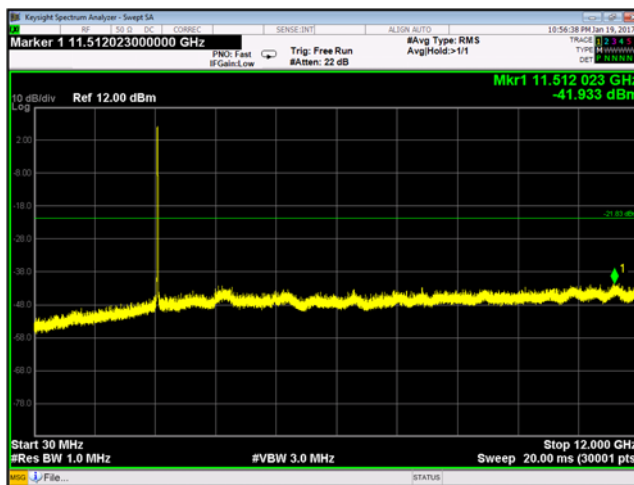
Plot 9-161 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.11 (2462 MHz)



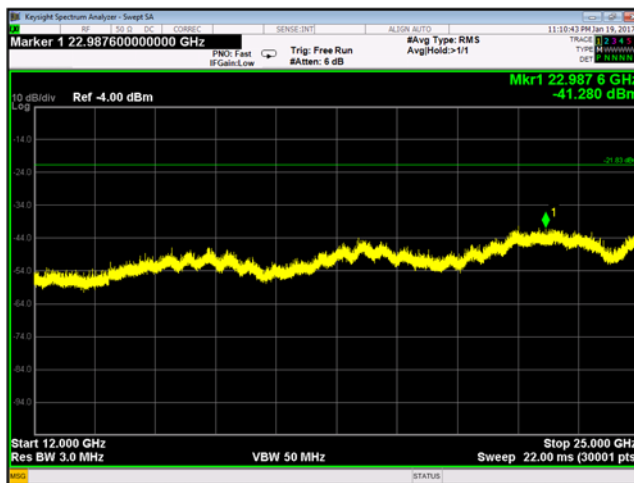
Plot 9-162 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.11 (2462 MHz)



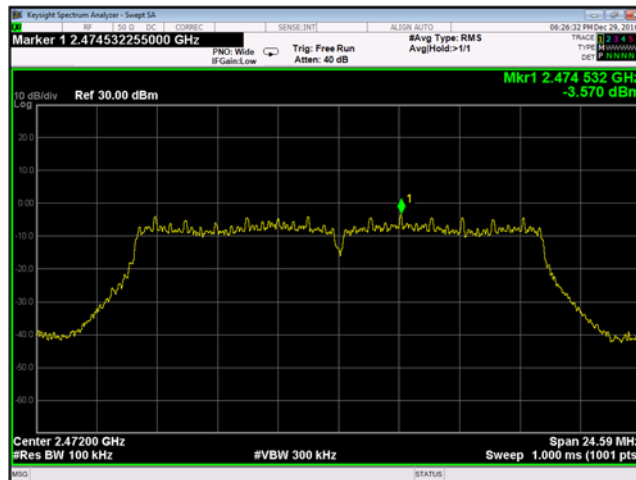
Plot 9-163 Chain B Reference Level 802.11g - Ch.12 (2467 MHz)



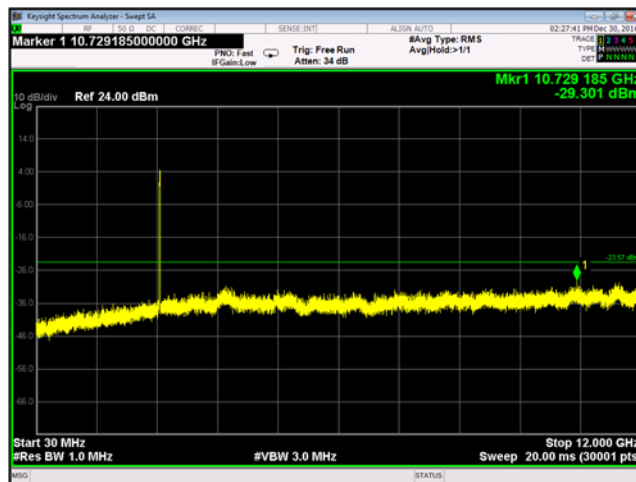
Plot 9-164 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.12 (2467 MHz)



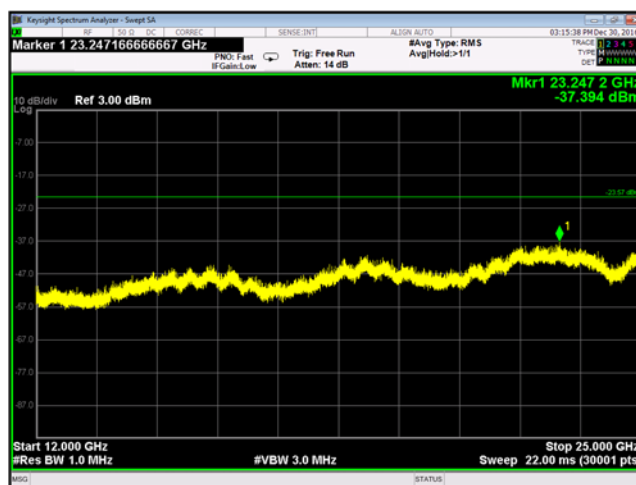
Plot 9-165 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.12 (2467 MHz)



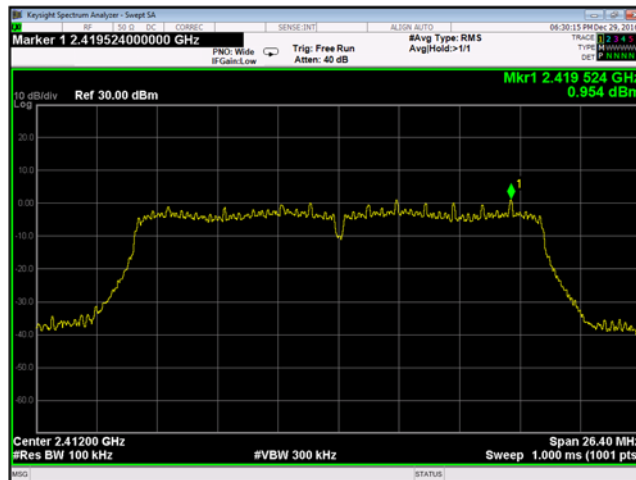
Plot 9-166 Chain B Reference Level 802.11g - Ch.13 (2472 MHz)



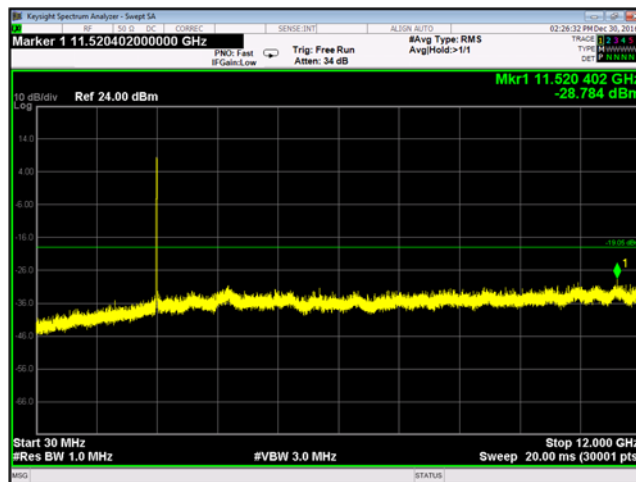
Plot 9-167 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11g - Ch.13 (2472 MHz)



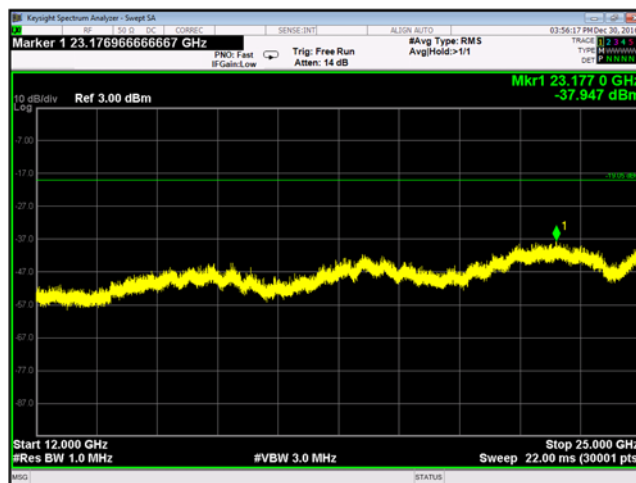
Plot 9-168 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11g - Ch.13 (2472 MHz)



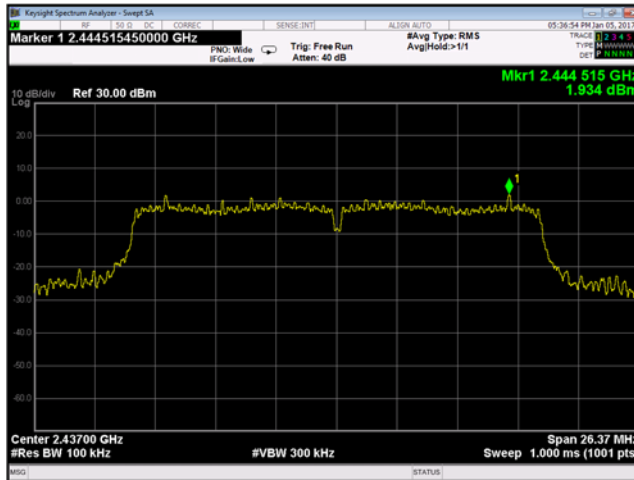
Plot 9-169 Chain B Reference Level 802.11n - Ch.1 (2412 MHz)



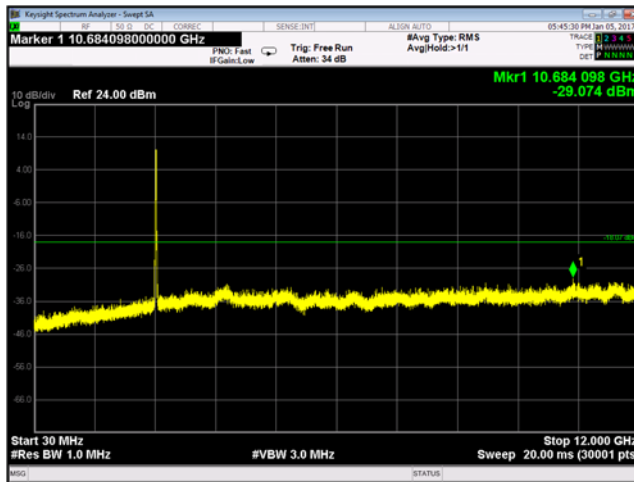
Plot 9-170 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.1 (2412 MHz)



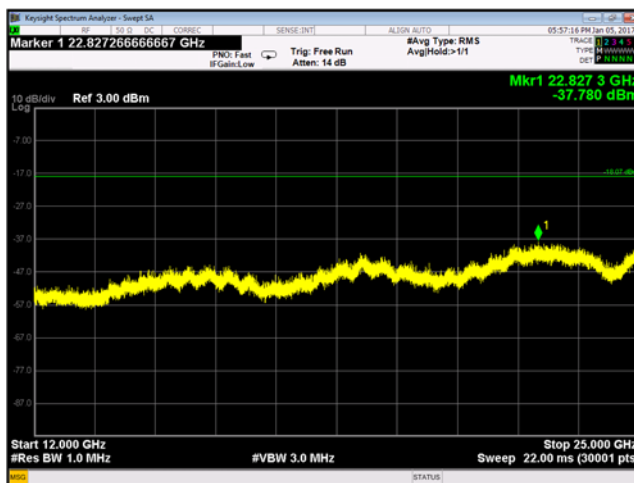
Plot 9-171 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.1 (2412 MHz)



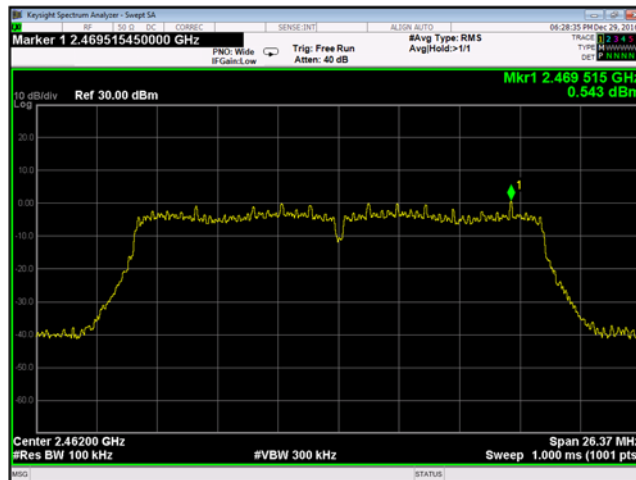
Plot 9-172 Chain B Reference Level 802.11n - Ch.6 (2437 MHz)



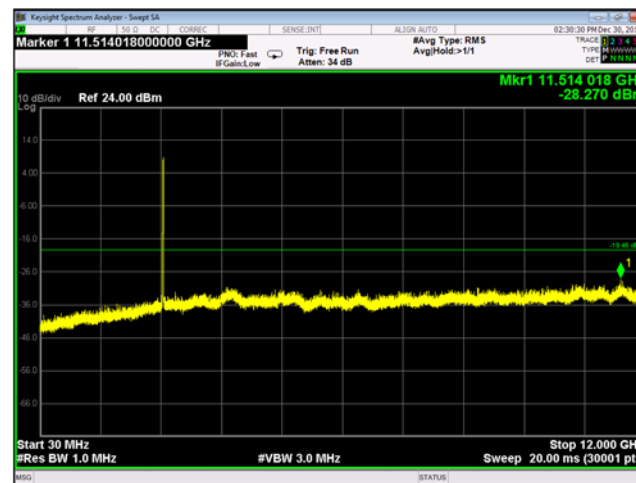
Plot 9-173 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.6 (2437 MHz)



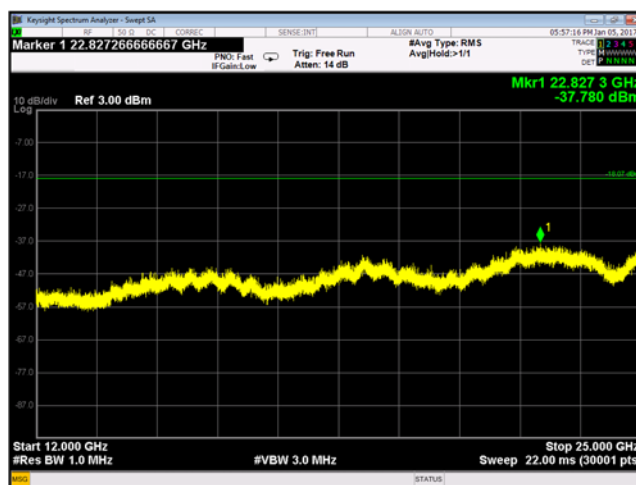
Plot 9-174 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.6 (2437 MHz)



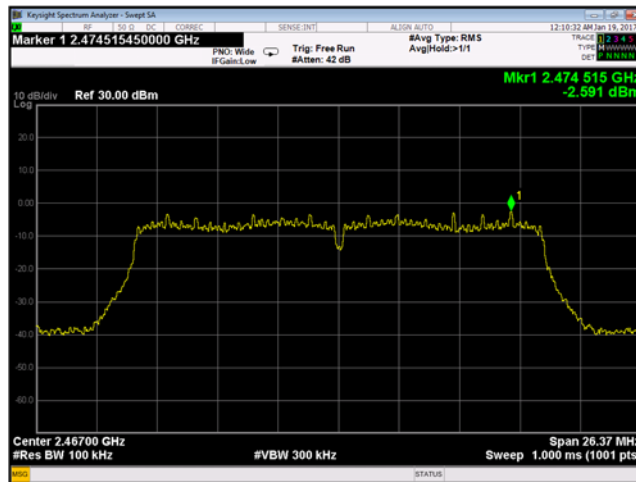
Plot 9-175 Chain B Reference Level 802.11n - Ch.11 (2462 MHz)



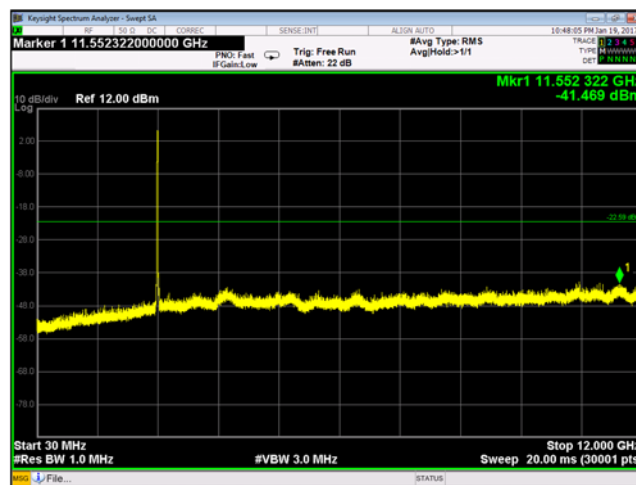
Plot 9-176 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.11 (2462 MHz)



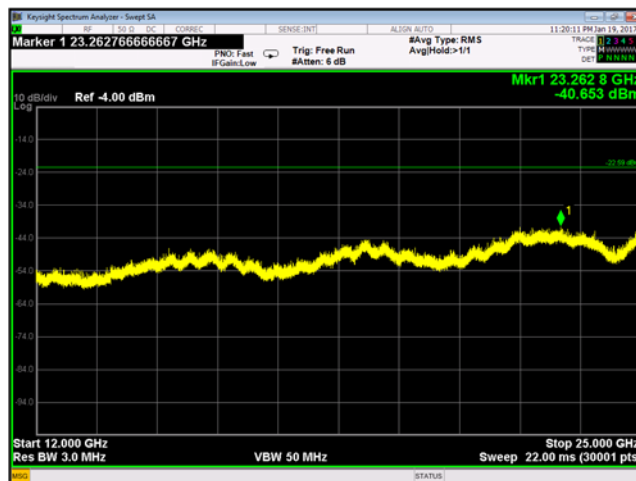
Plot 9-177 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.11 (2462 MHz)



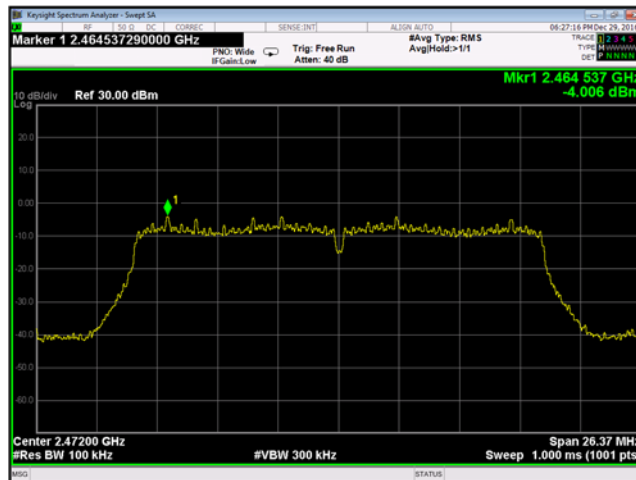
Plot 9-178 Chain B Reference Level 802.11n - Ch.12 (2467 MHz)



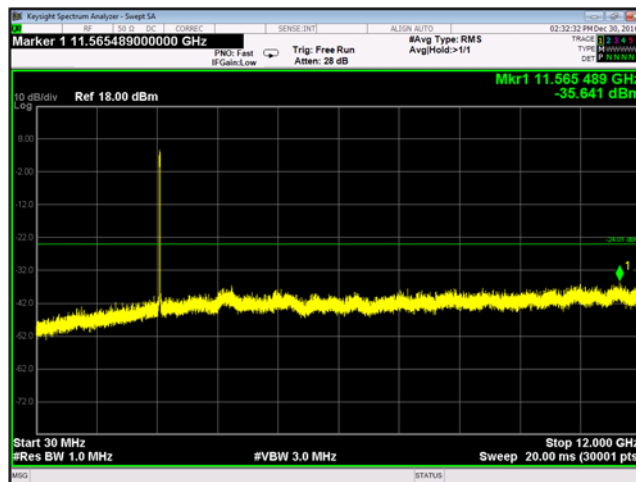
Plot 9-179 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.12 (2467 MHz)



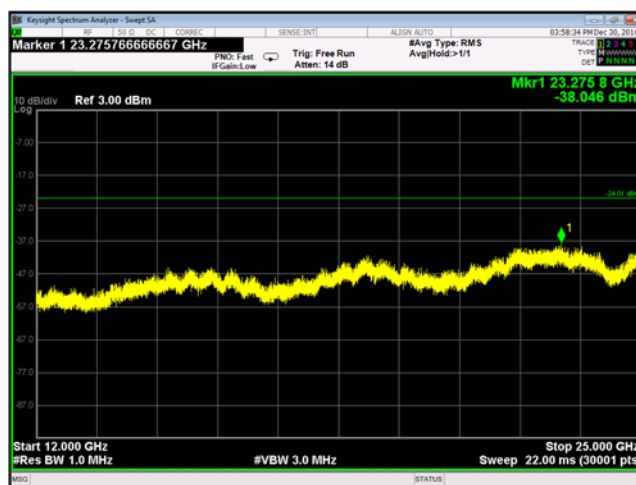
Plot 9-180 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.12 (2467 MHz)



Plot 9-181 Chain B Reference Level 802.11n - Ch.13 (2472 MHz)



Plot 9-182 Chain B Conducted Spurious Emissions 30 MHz - 12 GHz 802.11n - Ch.13 (2472 MHz)



Plot 9-183 Chain B Conducted Spurious Emissions 12 - 25 GHz 802.11n - Ch.13 (2472 MHz)

9.7 Conducted Band Edge Emissions

9.7.1 Test Requirement:

FCC CFR 47 Rule Part 15.247 (d)

ISED RSS-247 [5.5]

9.7.2 Test Method:

Measurements were performed according to the procedure defined in KDB 558074 - Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 V04 and ANSI C63.10 2013.

Spectrum analyzer settings:

Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation

RBW = 100 kHz

VBW = 300 kHz

Sweep = auto couple

Detector function = Peak

Trace = Max Hold

The trace was allowed to stabilize. The marker was set on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge. The delta marker function was set and the marker-to-peak function moved to the peak of the in-band emission.

9.7.3 Limits:

All spurious emissions at least 20 dBc.

9.7.4 Test Result:

Pass.