

Fig.57 Conducted Spurious Emission (802.11n HT20, CH11)

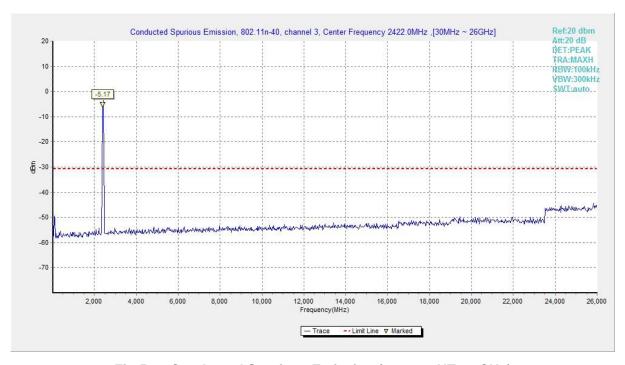


Fig.58 Conducted Spurious Emission (802.11n HT40, CH3)



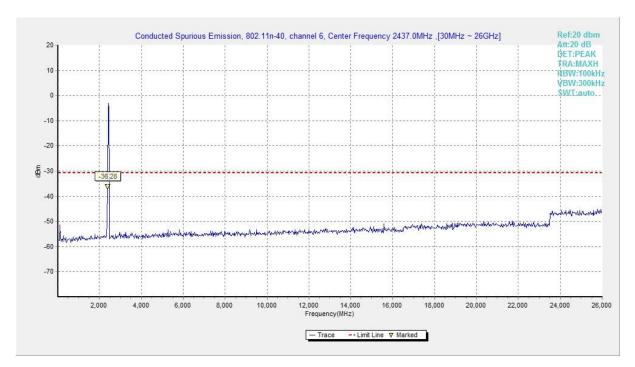


Fig.59 Conducted Spurious Emission (802.11n HT40, CH6)

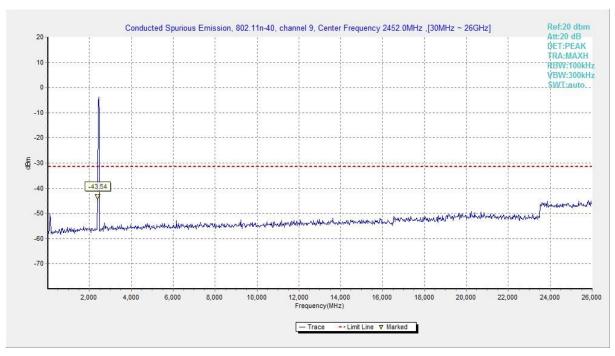


Fig.60 Conducted Spurious Emission (802.11n HT40, CH9)



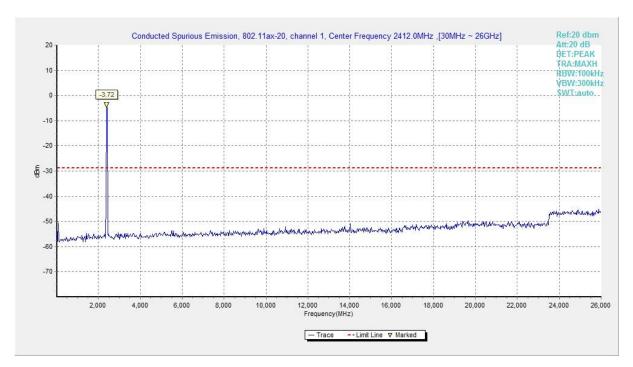


Fig.61 Conducted Spurious Emission (802.11ax HE20, CH1)

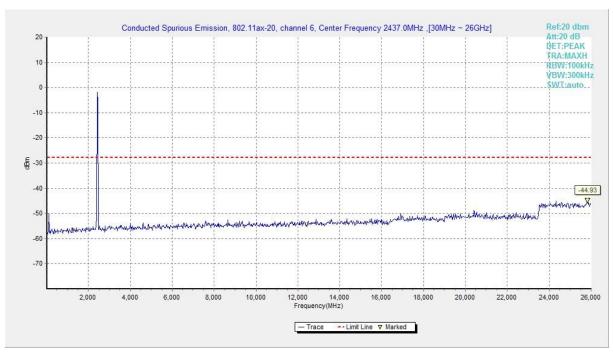


Fig.62 Conducted Spurious Emission (802.11ax HE20, CH6)



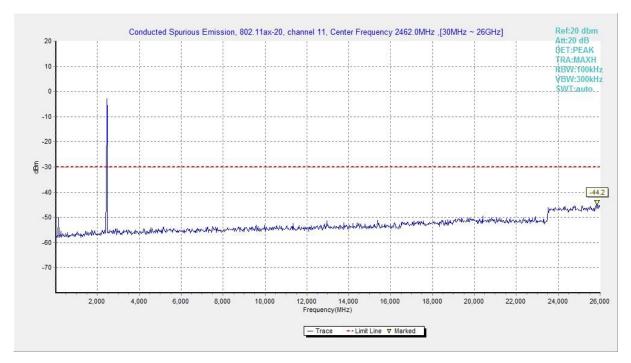


Fig.63 Conducted Spurious Emission (802.11ax HE20, CH11)

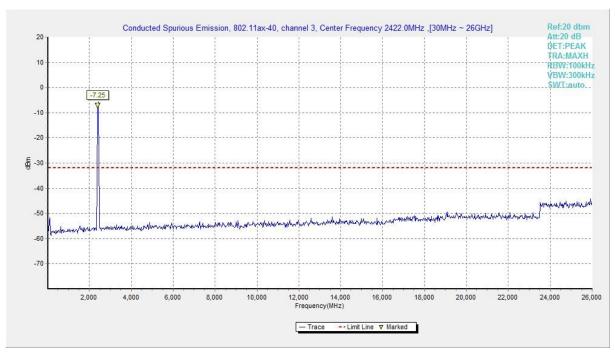


Fig.64 Conducted Spurious Emission (802.11ax HE40, CH3)



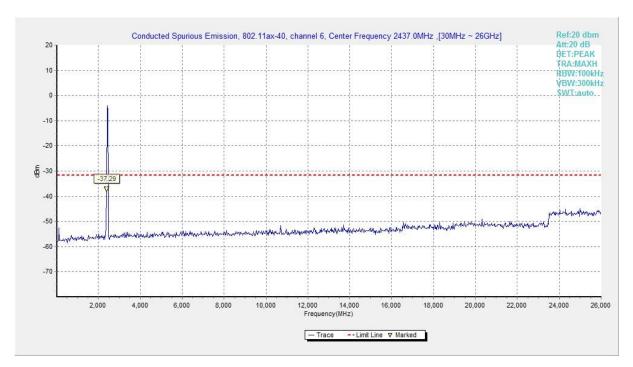


Fig.65 Conducted Spurious Emission (802.11ax HE40, CH6)

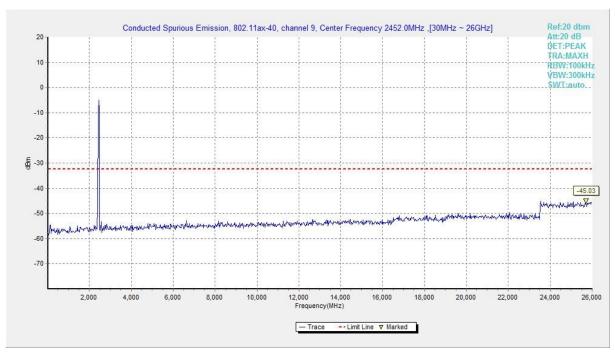


Fig.66 Conducted Spurious Emission (802.11ax HE40, CH9)



A.6 Radiated Emission

Measurement Limit:

| Standard | Limit | | |
|--|------------------------------|--|--|
| FCC 47 CFR Part 15.247, 15.205, 15.209 & | 20dP holow pook output power | | |
| RSS-247 section 5.5/RSS-Gen section 6.13 | 20dB below peak output power | | |

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

| Frequency of emission (MHz) | Field strength (μV/m) | Measurement distance (meters) |
|-----------------------------|-----------------------|-------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

Test Condition:

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

| Frequency of emission (MHz) | RBW/VBW | Sweep Time (s) |
|-----------------------------|---------------|----------------|
| 30-1000 | 120kHz/300kHz | 5 |
| 1000-4000 | 1MHz/3MHz | 15 |
| 4000-18000 | 1MHz/3MHz | 40 |
| 18000-26500 | 1MHz/3MHz | 20 |

Note: According to the performance evaluation, the radiated emission margin of EUT is over 20dB in the band from 9kHz to 30MHz. Therefore, the measurement starts from 30MHz to tenth harmonic. The measurement results include the horizontal polarization and vertical polarization measurements.



Measurement Results:

| Mode | Channel | Frequency Range | Test Results | Conclusion |
|----------|------------------------|---------------------|--------------|------------|
| | CH 1 | 1 GHz ~ 18 GHz | Fig.67 | Р |
| 000 445 | CH 6 | 1 GHz ~ 18 GHz | Fig.68 | Р |
| 802.11b | CH 11 | 1 GHz ~ 18 GHz | Fig.69 | Р |
| 802.116 | Restricted Band (CH1) | 2.38 GHz ~ 2.45 GHz | Fig.70 | Р |
| | Restricted Band (CH11) | 2.45 GHz ~ 2.5 GHz | Fig.71 | Р |
| | CH 1 | 1 GHz ~ 18 GHz | Fig.72 | Р |
| | CH 6 | 1 GHz ~ 18 GHz | Fig.73 | Р |
| 802.11g | CH 11 | 1 GHz ~ 18 GHz | Fig.74 | Р |
| | Restricted Band (CH1) | 2.38 GHz ~ 2.45 GHz | Fig.75 | Р |
| | Restricted Band (CH11) | 2.45 GHz ~ 2.5 GHz | Fig.76 | Р |
| | CH 1 | 1 GHz ~ 18 GHz | Fig.77 | Р |
| 222.44 | CH 6 | 1 GHz ~ 18 GHz | Fig.78 | Р |
| 802.11n | CH 11 | 1 GHz ~ 18 GHz | Fig.79 | Р |
| HT20 | Restricted Band (CH1) | 2.38 GHz ~ 2.45 GHz | Fig.80 | Р |
| | Restricted Band (CH11) | 2.45 GHz ~ 2.5 GHz | Fig.81 | Р |
| | CH 3 | 1 GHz ~ 18 GHz | Fig.82 | Р |
| 000.44 | CH 6 | 1 GHz ~ 18 GHz | Fig.83 | Р |
| 802.11n | CH 9 | 1 GHz ~ 18 GHz | Fig.84 | Р |
| HT40 | Restricted Band (CH3) | 2.38 GHz ~ 2.45 GHz | Fig.85 | Р |
| | Restricted Band (CH9) | 2.45 GHz ~ 2.5 GHz | Fig.86 | Р |
| | CH 1 | 1 GHz ~ 18 GHz | Fig.87 | Р |
| 000 44 | CH 6 | 1 GHz ~ 18 GHz | Fig.88 | Р |
| 802.11ax | CH 11 | 1 GHz ~ 18 GHz | Fig.89 | Р |
| HE20 | Restricted Band (CH1) | 2.38 GHz ~ 2.45 GHz | Fig.90 | Р |
| | Restricted Band (CH11) | 2.45 GHz ~ 2.5 GHz | Fig.91 | Р |
| | CH 3 | 1 GHz ~ 18 GHz | Fig.92 | Р |
| 000 44 | CH 6 | 1 GHz ~ 18 GHz | Fig.93 | Р |
| 802.11ax | CH 9 | 1 GHz ~ 18 GHz | Fig.94 | Р |
| HE40 | Restricted Band (CH3) | 2.38 GHz ~ 2.45 GHz | Fig.95 | Р |
| | Restricted Band (CH9) | 2.45 GHz ~ 2.5 GHz | Fig.96 | Р |
| | | 9 kHz ~ 30 MHz | Fig.97 | Р |
| / | All Channels | 30 MHz ~ 1 GHz | Fig.98 | Р |
| | | 18 GHz ~ 26.5 GHz | Fig.99 | Р |



Worst-Case Result: 802.11b CH6 (1-18GHz)

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2883.600000 | 47.77 | 74.00 | 26.23 | Н | 10.60 |
| 4874.100000 | 51.02 | 74.00 | 22.98 | V | -9.48 |
| 4996.200000 | 45.65 | 74.00 | 28.35 | Н | -8.61 |
| 6959.600000 | 44.02 | 74.00 | 29.98 | V | -3.71 |
| 14248.800000 | 50.31 | 74.00 | 23.69 | V | 7.10 |
| 17988.400000 | 54.06 | 74.00 | 19.94 | V | 14.06 |

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2883.600000 | 34.57 | 54.00 | 19.43 | Н | 10.60 |
| 4874.100000 | 48.53 | 54.00 | 5.47 | V | -9.48 |
| 4996.200000 | 27.97 | 54.00 | 26.03 | Н | -8.61 |
| 6959.600000 | 37.18 | 54.00 | 16.82 | V | -3.71 |
| 14248.800000 | 38.05 | 54.00 | 15.95 | V | 7.10 |
| 17988.400000 | 41.65 | 54.00 | 12.35 | V | 14.06 |

802.11g CH6 (1-18GHz)

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2940.800000 | 47.34 | 74.00 | 26.66 | Н | 10.80 |
| 3873.000000 | 36.39 | 74.00 | 37.61 | V | -12.71 |
| 4868.400000 | 46.19 | 74.00 | 27.81 | V | -9.51 |
| 6960.000000 | 43.95 | 74.00 | 30.05 | V | -3.71 |
| 14581.200000 | 51.06 | 74.00 | 22.94 | V | 6.35 |
| 17988.000000 | 53.73 | 74.00 | 20.27 | Н | 14.07 |

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2940.800000 | 34.31 | 54.00 | 19.69 | Н | 10.80 |
| 3873.000000 | 22.80 | 54.00 | 31.20 | V | -12.71 |
| 4868.400000 | 32.96 | 54.00 | 21.04 | V | -9.51 |
| 6960.000000 | 37.87 | 54.00 | 16.13 | V | -3.71 |
| 14581.200000 | 37.59 | 54.00 | 16.41 | V | 6.35 |
| 17988.000000 | 41.20 | 54.00 | 12.80 | Н | 14.07 |



802.11n HT20 CH6 (1-18GHz)

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2995.600000 | 47.73 | 74.00 | 26.27 | Н | 10.99 |
| 4871.700000 | 47.04 | 74.00 | 26.96 | V | -9.49 |
| 4981.500000 | 44.02 | 74.00 | 29.98 | Н | -8.76 |
| 6959.600000 | 44.46 | 74.00 | 29.54 | V | -3.71 |
| 13372.800000 | 49.28 | 74.00 | 24.72 | V | 4.06 |
| 17986.000000 | 54.83 | 74.00 | 19.17 | V | 14.10 |

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2995.600000 | 35.34 | 54.00 | 18.66 | Н | 10.99 |
| 4871.700000 | 34.74 | 54.00 | 19.26 | V | -9.49 |
| 4981.500000 | 28.22 | 54.00 | 25.78 | Н | -8.76 |
| 6959.600000 | 37.17 | 54.00 | 16.83 | V | -3.71 |
| 13372.800000 | 36.29 | 54.00 | 17.71 | V | 4.06 |
| 17986.000000 | 41.44 | 54.00 | 12.56 | V | 14.10 |

802.11n HT40 CH3 (1-18GHz)

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) | |
|-----------------|---------------------|-------------------|-------------|-----|------------|--|
| 2976.800000 | 47.94 | 74.00 | 26.06 | Н | 10.99 | |
| 4842.600000 | 44.74 | 74.00 | 29.26 | Н | -9.59 | |
| 4986.000000 | 44.82 | 74.00 | 29.18 | V | -8.72 | |
| 6960.000000 | 44.10 | 74.00 | 29.90 | Н | -3.71 | |
| 13377.200000 | 50.52 | 74.00 | 23.48 | V | 4.08 | |
| 17982.800000 | 53.98 | 74.00 | 20.02 | Н | 14.17 | |

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2976.800000 | 35.56 | 54.00 | 18.44 | Н | 10.99 |
| 4842.600000 | 32.36 | 54.00 | 21.64 | Н | -9.59 |
| 4986.000000 | 27.21 | 54.00 | 26.79 | V | -8.72 |
| 6960.000000 | 38.08 | 54.00 | 15.92 | Н | -3.71 |
| 13377.200000 | 36.36 | 54.00 | 17.64 | V | 4.08 |
| 17982.800000 | 41.19 | 54.00 | 12.81 | Н | 14.17 |



802.11ax HE20 CH6 (1-18GHz)

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2951.600000 | 46.67 | 74.00 | 27.33 | V | 10.75 |
| 4880.100000 | 42.97 | 74.00 | 31.03 | V | -9.44 |
| 4979.400000 | 45.83 | 74.00 | 28.17 | Н | -8.78 |
| 6960.000000 | 43.91 | 74.00 | 30.09 | V | -3.71 |
| 14588.400000 | 51.47 | 74.00 | 22.53 | Н | 6.43 |
| 17978.400000 | 55.90 | 74.00 | 18.10 | V | 14.25 |

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2951.600000 | 34.61 | 54.00 | 19.39 | V | 10.75 |
| 4880.100000 | 29.94 | 54.00 | 24.06 | V | -9.44 |
| 4979.400000 | 29.18 | 54.00 | 24.82 | Н | -8.78 |
| 6960.000000 | 37.87 | 54.00 | 16.13 | V | -3.71 |
| 14588.400000 | 38.53 | 54.00 | 15.47 | Н | 6.43 |
| 17978.400000 | 43.82 | 54.00 | 10.18 | V | 14.25 |

802.11ax HE40 CH6 (1-18GHz)

| | (| | | | |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
| 2888.800000 | 47.82 | 74.00 | 26.18 | V | 10.61 |
| 4977.000000 | 45.22 | 74.00 | 28.78 | Н | -8.81 |
| 6960.000000 | 41.70 | 74.00 | 32.30 | V | -3.71 |
| 10909.600000 | 46.01 | 74.00 | 27.99 | V | 1.43 |
| 14567.200000 | 51.98 | 74.00 | 22.02 | Н | 6.19 |
| 17990.400000 | 55.32 | 74.00 | 18.68 | Н | 14.02 |

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Corr. (dB) |
|-----------------|---------------------|-------------------|-------------|-----|------------|
| 2888.800000 | 34.94 | 54.00 | 19.06 | V | 10.61 |
| 4977.000000 | 28.47 | 54.00 | 25.53 | Н | -8.81 |
| 6960.000000 | 34.62 | 54.00 | 19.38 | V | -3.71 |
| 10909.600000 | 34.03 | 54.00 | 19.97 | V | 1.43 |
| 14567.200000 | 37.83 | 54.00 | 16.17 | Н | 6.19 |
| 17990.400000 | 43.16 | 54.00 | 10.84 | Н | 14.02 |

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and Antenna Factor, the gain of the preamplifier, the cable loss. P_{Mea} is the field strength recorded from the instrument.



The measurement results are obtained as described below: Result = P_{Mea} + Cable Loss + Antenna Factor - Gain of the preamplifier

See below for test graphs.

Conclusion: PASS



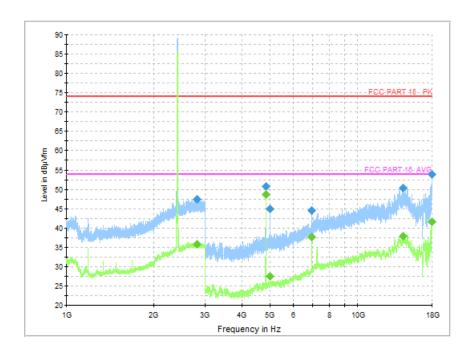


Fig.67 Radiated Spurious Emission (802.11b, CH1, 1GHz-18GHz)

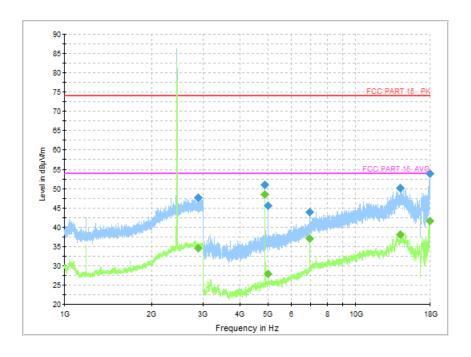


Fig.68 Radiated Spurious Emission (802.11b, CH6, 1GHz-18GHz)



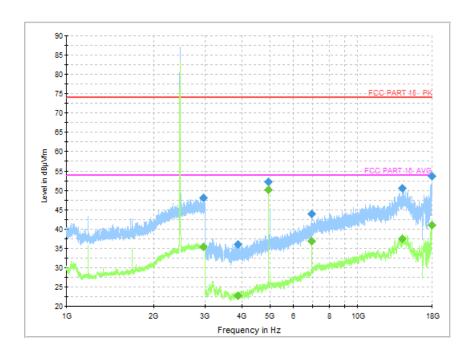


Fig.69 Radiated Spurious Emission (802.11b, CH11, 1GHz-18GHz)

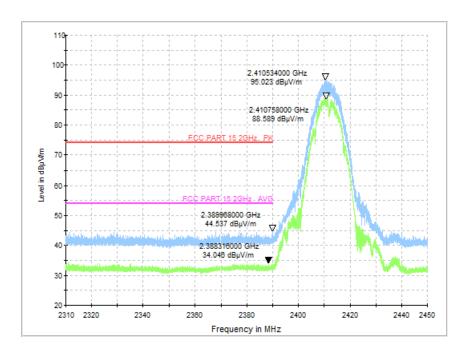


Fig.70 Radiated Restricted Band (802.11b, CH1, 2.38GHz~2.45GHz)



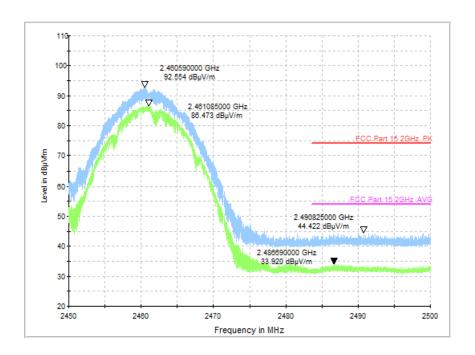


Fig.71 Radiated Restricted Band (802.11b, CH11, 2.45GHz~2.5GHz)

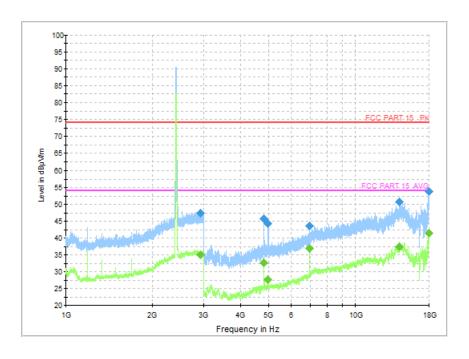


Fig.72 Radiated Spurious Emission (802.11g, CH1, 1GHz-18GHz)



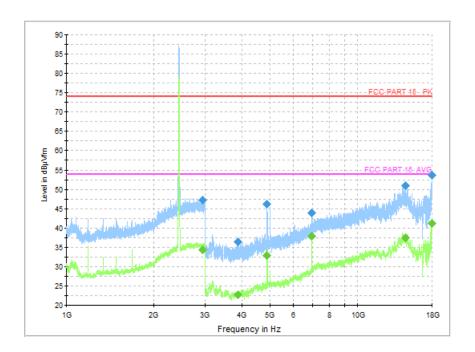


Fig.73 Radiated Spurious Emission (802.11g, CH6, 1GHz-18GHz)

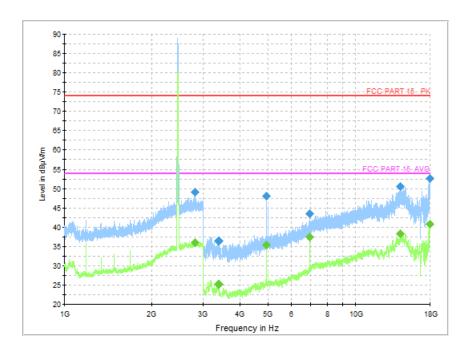


Fig.74 Radiated Spurious Emission (802.11g, CH11, 1GHz-18GHz)



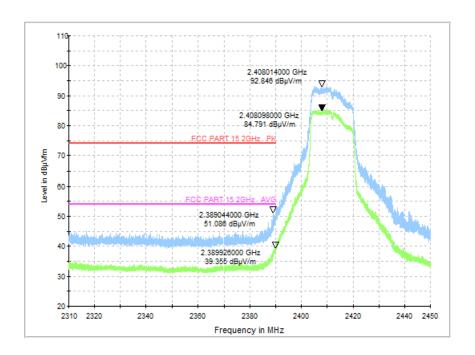


Fig.75 Radiated Restricted Band (802.11g, CH1, 2.38GHz~2.45GHz)

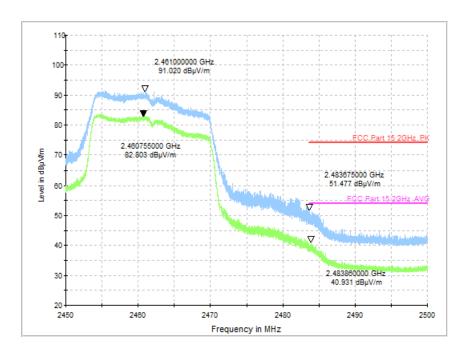


Fig.76 Radiated Restricted Band (802.11g, CH11, 2.45GHz~2.5GHz)



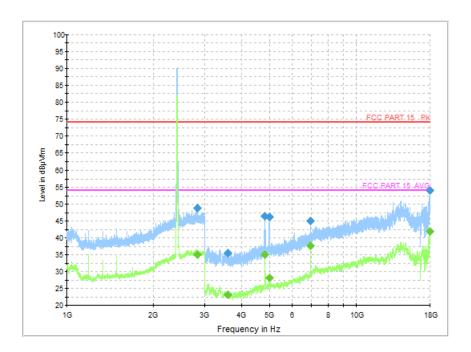


Fig.77 Radiated Spurious Emission (802.11n HT20, CH1, 1GHz-18GHz)

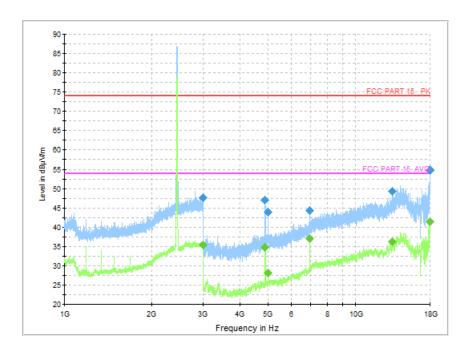


Fig.78 Radiated Spurious Emission (802.11n HT20, CH6, 1GHz-18GHz)



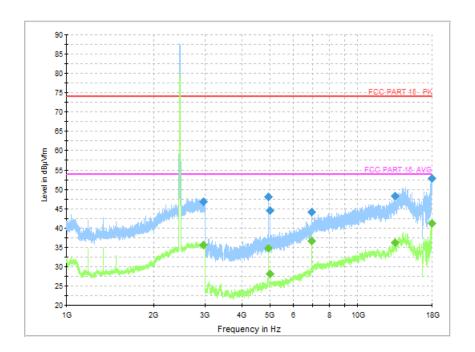


Fig.79 Radiated Spurious Emission (802.11n HT20, CH11, 1GHz-18GHz)

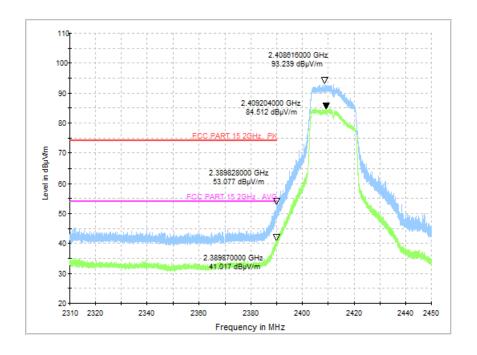


Fig.80 Radiated Restricted Band (802.11n HT20, CH1, 2.38GHz~2.45GHz)



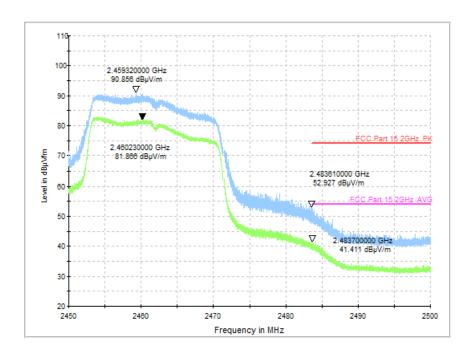


Fig.81 Radiated Restricted Band (802.11n HT20, CH11, 2.45GHz~2.5GHz)

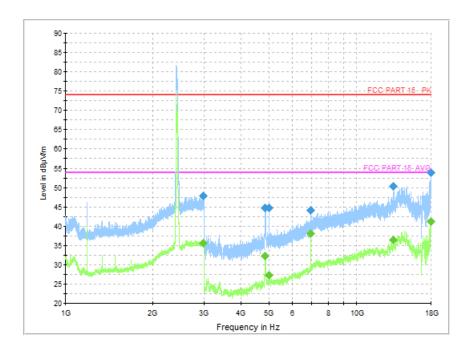


Fig.82 Radiated Spurious Emission (802.11n HT40, CH3, 1GHz-18GHz)



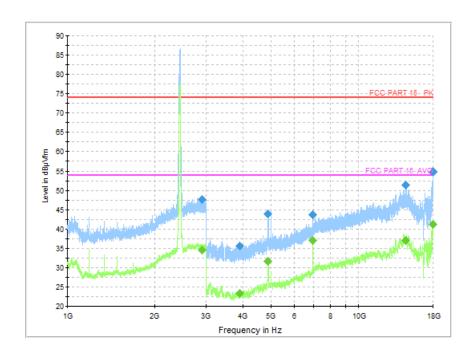


Fig.83 Radiated Spurious Emission (802.11n HT40, CH6, 1GHz-18GHz)

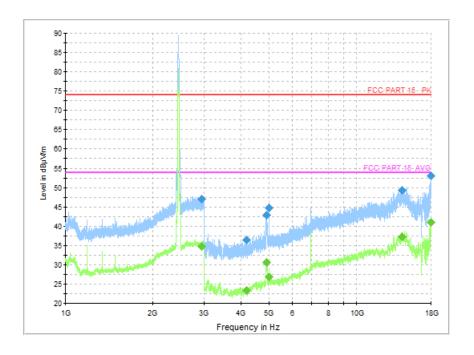


Fig.84 Radiated Spurious Emission (802.11n HT40, CH9, 1GHz-18GHz)



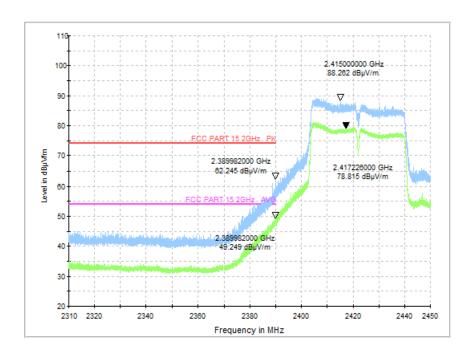


Fig.85 Radiated Restricted Band (802.11n HT40, CH3, 2.38GHz~2.45GHz)

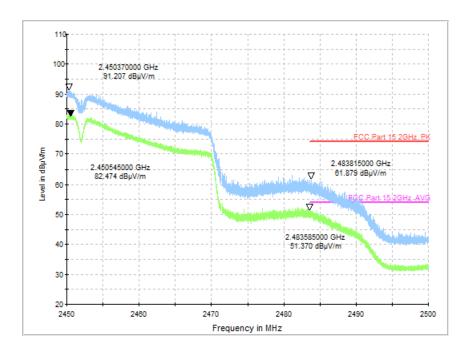


Fig.86 Radiated Restricted Band (802.11n HT40, CH9, 2.45GHz~2.5GHz)



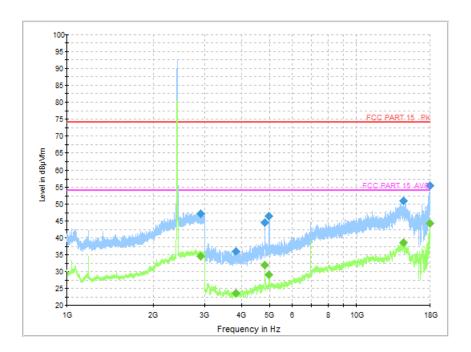


Fig.87 Radiated Spurious Emission (802.11ax HE20, CH1, 1GHz-18GHz)

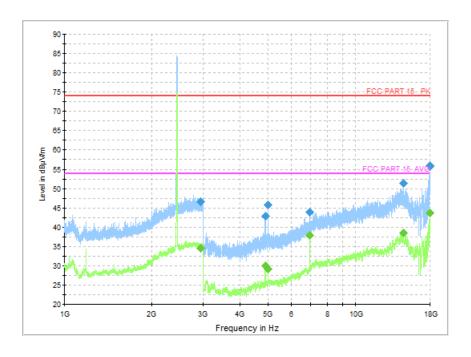


Fig.88 Radiated Spurious Emission (802.11ax HE20, CH6, 1GHz-18GHz)



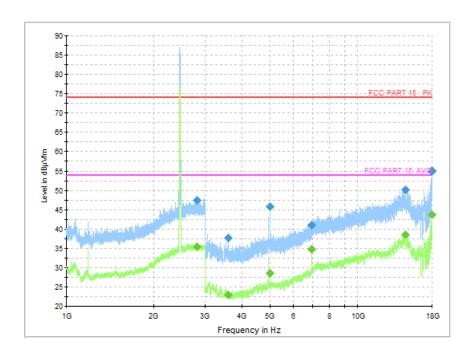


Fig.89 Radiated Spurious Emission (802.11ax HE20, CH11, 1GHz-18GHz)

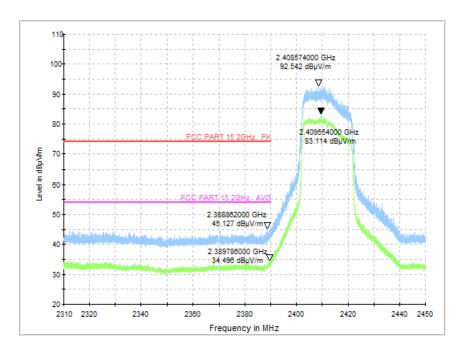


Fig.90 Radiated Restricted Band (802.11ax HE20, CH1, 2.38GHz~2.45GHz)



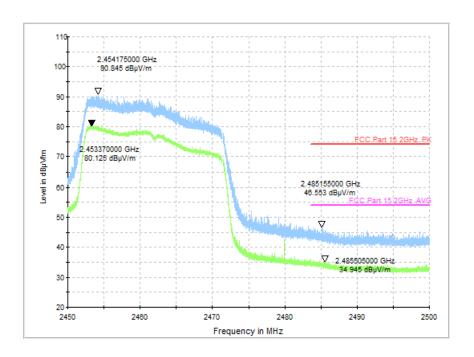


Fig.91 Radiated Restricted Band (802.11ax HE20, CH11, 2.45GHz~2.5GHz)

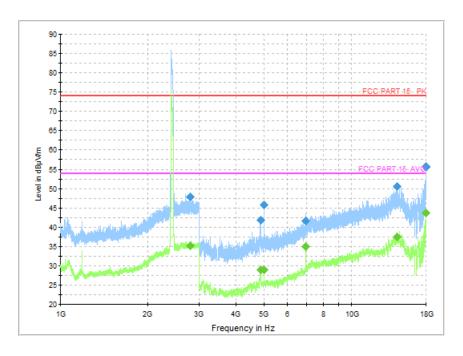


Fig.92 Radiated Spurious Emission (802.11ax HE40, CH3, 1GHz-18GHz)



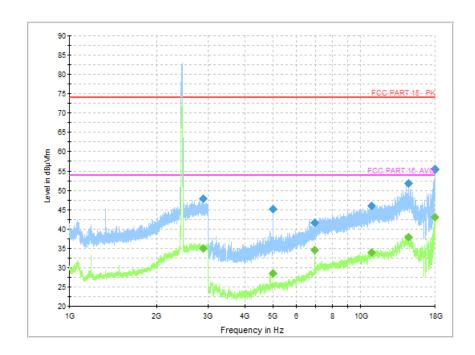


Fig.93 Radiated Spurious Emission (802.11ax HE40, CH6, 1GHz-18GHz)

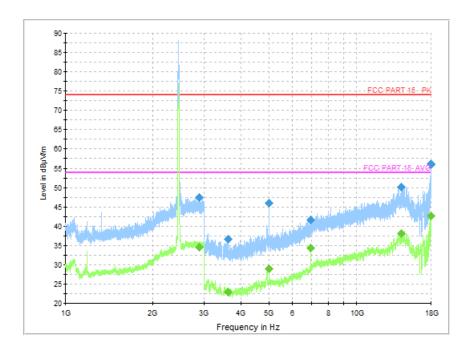


Fig.94 Radiated Spurious Emission (802.11ax HE40, CH9, 1GHz-18GHz)



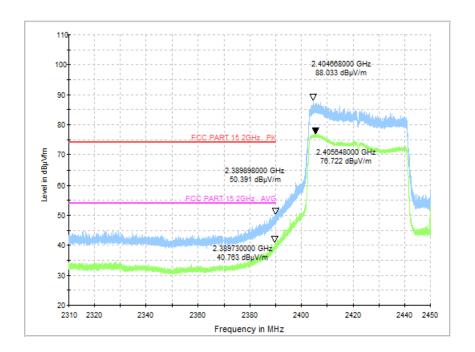


Fig.95 Radiated Restricted Band (802.11ax HE40, CH3, 2.38GHz~2.45GHz)

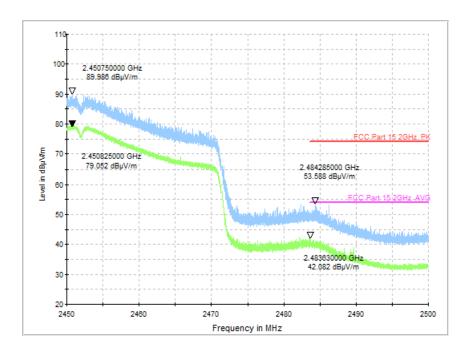


Fig.96 Radiated Restricted Band (802.11ax HE40, CH9, 2.45GHz~2.5GHz)



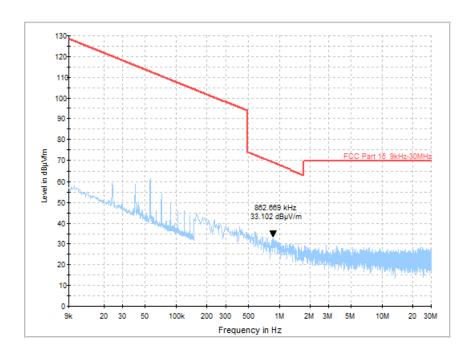


Fig.97 Radiated Spurious Emission (All Channels, 9KHz-30MHz)

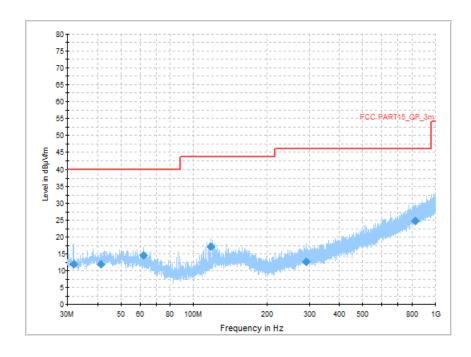


Fig.98 Radiated Spurious Emission (All Channels, 30MHz-1GHz)



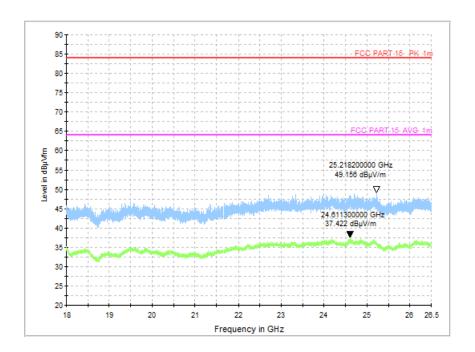


Fig.99 Radiated Spurious Emission (All Channels, 18GHz-26.5GHz)



A.7 AC Power line Conducted Emission

Test Condition:

| Voltage (V) | Frequency (Hz) |
|-------------|----------------|
| 120 | 60 |

Measurement Result and limit:

WLAN (Quasi-peak Limit) - AE2

| Frequency | Quasi-peak | Result (dBμV) | | Conclusion |
|-------------|--------------|---------------|---------|------------|
| range (MHz) | Limit (dBμV) | Traffic | ldle | Conclusion |
| 0.15 to 0.5 | 66 to 56 | | | |
| 0.5 to 5 | 56 | Fig.100 | Fig.101 | Р |
| 5 to 30 | 60 | | | |

Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit) - AE2

| Frequency | Average-peak | Result (dBμV) | | Canalysian |
|-------------|--------------|---------------|---------|------------|
| range (MHz) | Limit (dBμV) | Traffic | ldle | Conclusion |
| 0.15 to 0.5 | 56 to 46 | | | |
| 0.5 to 5 | 46 | Fig.100 | Fig.101 | Р |
| 5 to 30 | 50 | | | |

Note: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Note: The measurement results include the L1 and N measurements.

See below for test graphs.

Conclusion: PASS



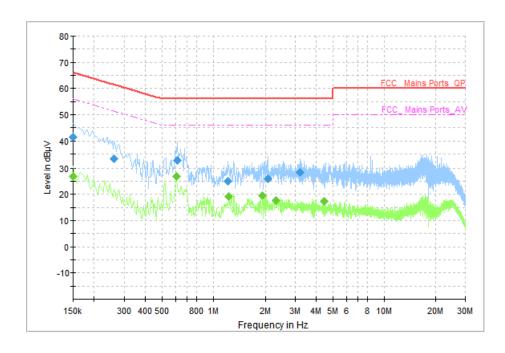


Fig.100 AC Power line Conducted Emission (Traffic, 120V)

Measurement Results: Quasi Peak

| | · - • • · · · · · · · · · · · · · · | | | | | |
|--------------------|-------------------------------------|-----------------|----------------|------|--------|---------------|
| Frequency (MHz) | QuasiPeak (dBµV) | Limit (dBµV) | Margin (dB) | Line | Filter | Corr. (dB) |
| 0.150000 | 41.36 | 66.00 | 24.64 | N | ON | 10 |
| 0.262000 | 33.36 | 61.37 | 28.01 | L1 | ON | 10 |
| 0.618000 | 32.71 | 56.00 | 23.29 | N | ON | 10 |
| 1.222000 | 24.91 | 56.00 | 31.09 | N | ON | 10 |
| 2.066000 | 25.89 | 56.00 | 30.11 | N | ON | 10 |
| 3.222000 | 28.22 | 56.00 | 27.78 | N | ON | 10 |

Measurement Results: Average

| Frequency | Average | Limit | Margin | Line | Line Filter | Corr. |
|-----------|---------|--------|--------|------|-------------|-------|
| (MHz) | (dBµV) | (dBµV) | (dB) | Line | riilei | (dB) |
| 0.150000 | 26.92 | 56.00 | 29.08 | N | ON | 10 |
| 0.606000 | 26.76 | 46.00 | 19.24 | L1 | ON | 10 |
| 1.238000 | 19.11 | 46.00 | 26.89 | L1 | ON | 10 |
| 1.926000 | 19.48 | 46.00 | 26.52 | L1 | ON | 10 |
| 2.326000 | 17.73 | 46.00 | 28.27 | L1 | ON | 10 |
| 4.462000 | 17.21 | 46.00 | 28.79 | L1 | ON | 10 |



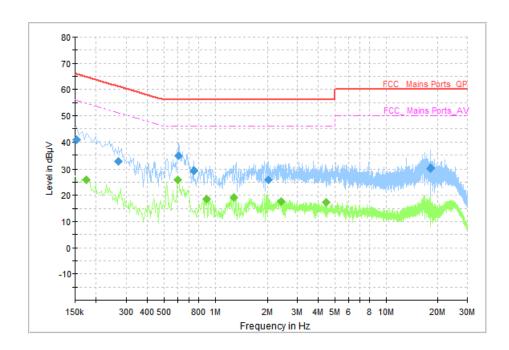


Fig.101 AC Power line Conducted Emission (Idle, 120V)

Measurement Results: Quasi Peak

| Frequency | QuasiPeak | Limit | Margin | Lino | Line Filter | Corr. |
|-----------|-----------|--------|--------|------|-------------|-------|
| (MHz) | (dBµV) | (dBµV) | (dB) | Line | | (dB) |
| 0.154000 | 40.97 | 65.78 | 24.81 | L1 | ON | 10 |
| 0.270000 | 32.68 | 61.12 | 28.44 | L1 | ON | 10 |
| 0.610000 | 34.73 | 56.00 | 21.27 | N | ON | 10 |
| 0.746000 | 29.32 | 56.00 | 26.68 | N | ON | 10 |
| 2.034000 | 25.73 | 56.00 | 30.27 | L1 | ON | 10 |
| 18.274000 | 30.13 | 60.00 | 29.87 | N | ON | 11 |

Measurement Results: Average

| Frequency | Average | Limit | Margin | Line | Line Filter | Corr. |
|-----------|---------|--------|--------|------|-------------|-------|
| (MHz) | (dBµV) | (dBµV) | (dB) | Line | riilei | (dB) |
| 0.174000 | 25.88 | 54.77 | 28.89 | N | ON | 10 |
| 0.602000 | 25.75 | 46.00 | 20.25 | L1 | ON | 10 |
| 0.890000 | 18.68 | 46.00 | 27.32 | L1 | ON | 10 |
| 1.282000 | 19.26 | 46.00 | 26.74 | L1 | ON | 10 |
| 2.410000 | 17.48 | 46.00 | 28.52 | L1 | ON | 10 |
| 4.462000 | 17.24 | 46.00 | 28.76 | L1 | ON | 10 |



A.8 99% Occupied Bandwidth

Measurement Limit:

| Standard | Limit |
|---------------------|-------|
| RSS-Gen section 6.7 | / |

Measurement Result:

| Mode | Channel | Frequency (MHz) | Test Results (MHz) | | Conclusion |
|------------------|---------|--------------------|--------------------|-------|------------|
| 802.11b | CH 1 | 2412 | Fig.102 | 13.12 | Р |
| | CH 6 | 2437 | Fig.103 | 13.48 | Р |
| | CH 11 | 2462 | Fig.104 | 13.48 | Р |
| 802.11g | CH 1 | 2412 | Fig.105 | 16.32 | Р |
| | CH 6 | 2437 | Fig.106 | 16.32 | Р |
| | CH 11 | 2462 | Fig.107 | 16.40 | Р |
| 802.11n HT20 | CH 1 | 2412 | Fig.108 | 17.56 | Р |
| | CH 6 | 2437 | Fig.109 | 17.52 | Р |
| | CH 11 | 2462 | Fig.110 | 17.60 | Р |
| 802.11n HT40 | CH 3 | 2422 | Fig.111 | 36.32 | Р |
| | CH 6 | 2437 | Fig.112 | 35.76 | Р |
| | CH 9 | 2452 | Fig.113 | 35.84 | Р |
| 802.11ax HE20 | CH 1 | 2412 | Fig.114 | 18.92 | Р |
| | CH 6 | 2437 | Fig.115 | 18.84 | Р |
| | CH 11 | 2462 | Fig.116 | 18.96 | Р |
| 802.11ax HE40 | CH 3 | 2422 | Fig.117 | 37.84 | Р |
| | CH 6 | 2437 | Fig.118 | 37.36 | Р |
| | CH 9 | 2452 | Fig.119 | 37.44 | Р |

See below for test graphs.

Conclusion: PASS



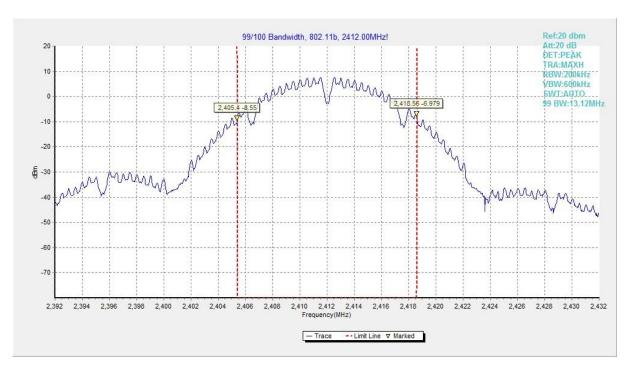


Fig.102 99% Occupied Bandwidth (802.11b, CH 1)



Fig.103 99% Occupied Bandwidth (802.11b, CH 6)



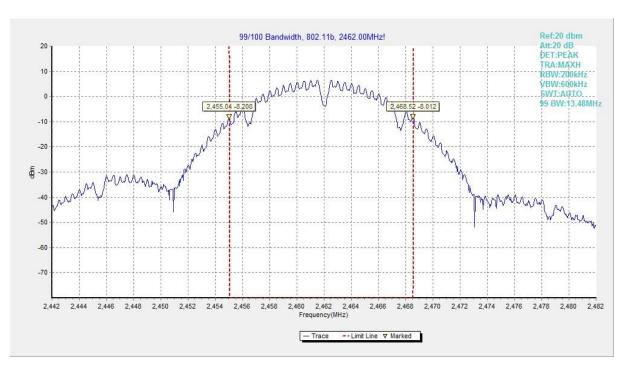


Fig.104 99% Occupied Bandwidth (802.11b, CH 11)

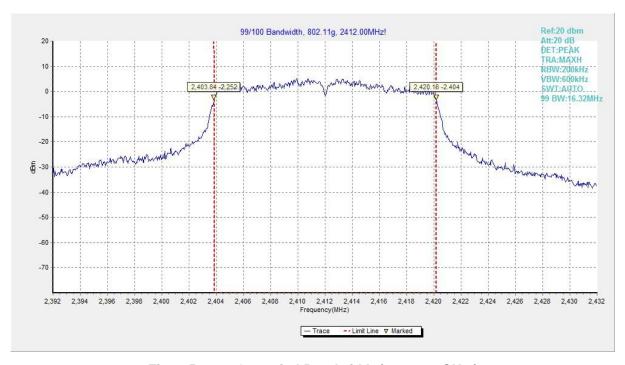


Fig.105 99% Occupied Bandwidth (802.11g, CH 1)



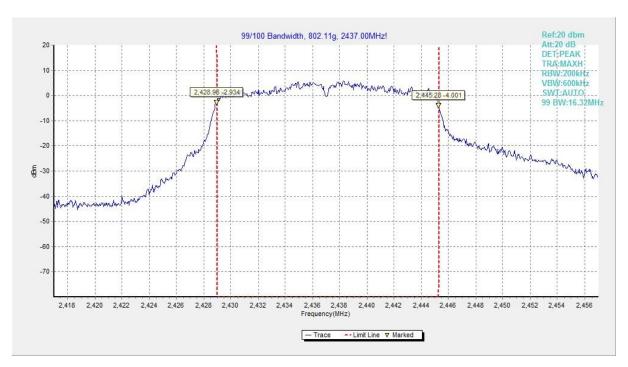


Fig.106 99% Occupied Bandwidth (802.11g, CH 6)

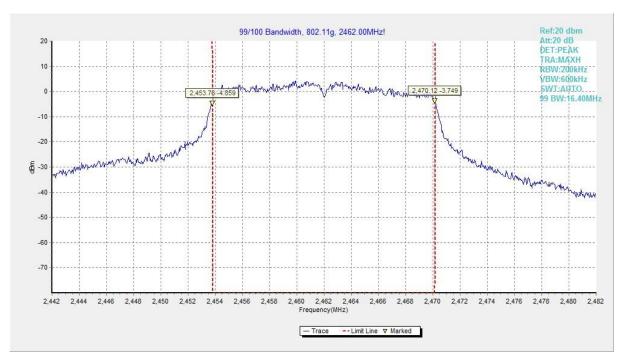


Fig.107 99% Occupied Bandwidth (802.11g, CH 11)



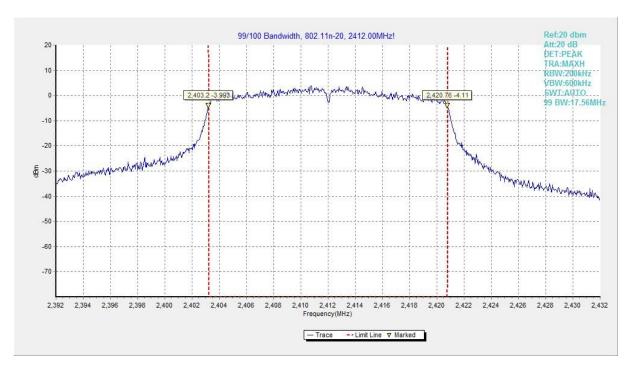


Fig.108 99% Occupied Bandwidth (802.11n HT20, CH 1)



Fig.109 99% Occupied Bandwidth (802.11n HT20, CH 6)





Fig.110 99% Occupied Bandwidth (802.11n HT20, CH 11)

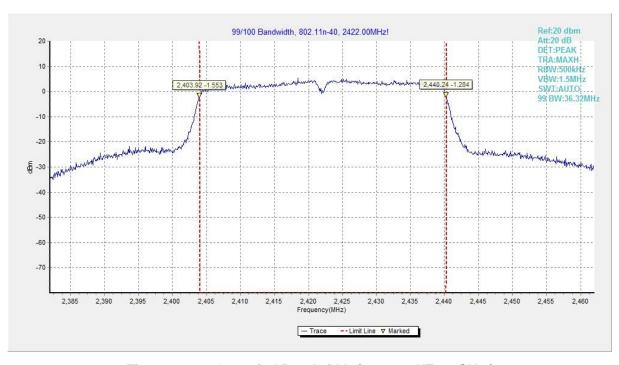


Fig.111 99% Occupied Bandwidth (802.11n HT40, CH 3)



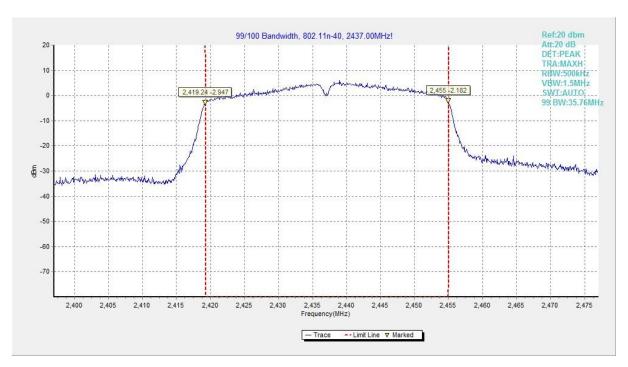


Fig.112 99% Occupied Bandwidth (802.11n HT40, CH 6)



Fig.113 99% Occupied Bandwidth (802.11n HT40, CH 9)



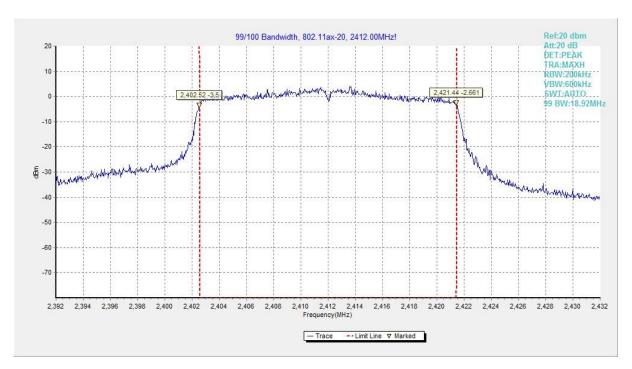


Fig.114 99% Occupied Bandwidth (802.11ax HE20, CH 1)

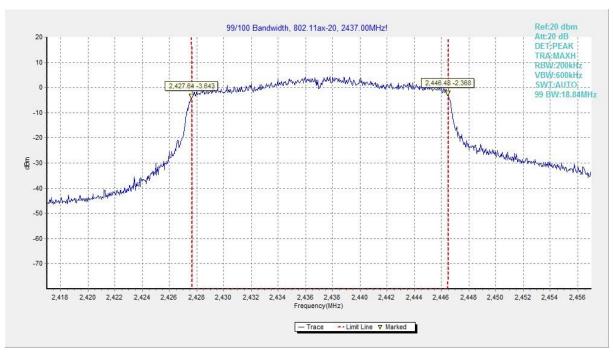


Fig.115 99% Occupied Bandwidth (802.11ax HE20, CH 6)



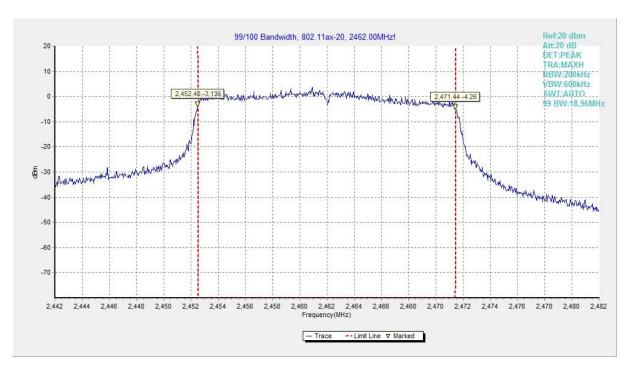


Fig.116 99% Occupied Bandwidth (802.11ax HE20, CH 11)

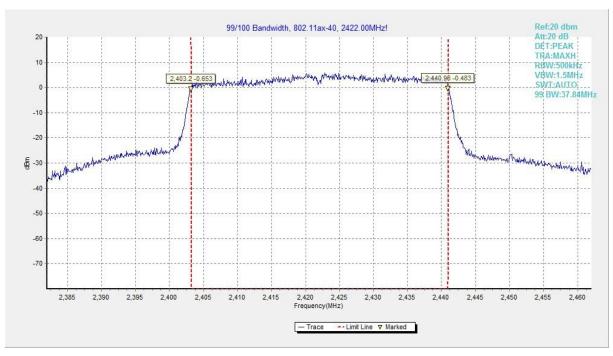


Fig.117 99% Occupied Bandwidth (802.11ax HE40, CH 3)



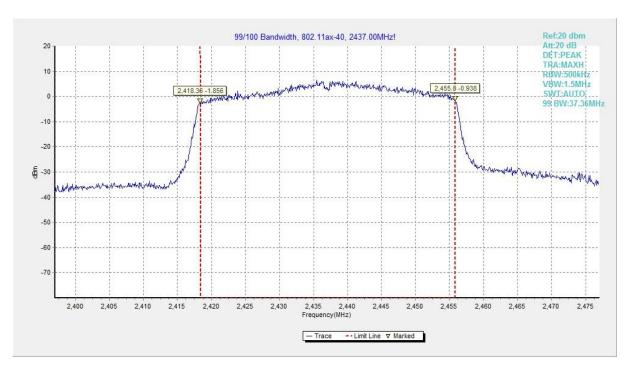


Fig.118 99% Occupied Bandwidth (802.11ax HE40, CH 6)

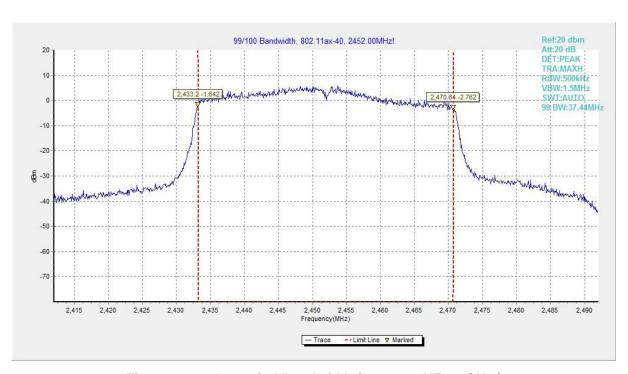


Fig.119 99% Occupied Bandwidth (802.11ax HE40, CH 9)

END OF REPORT