

Test Plots

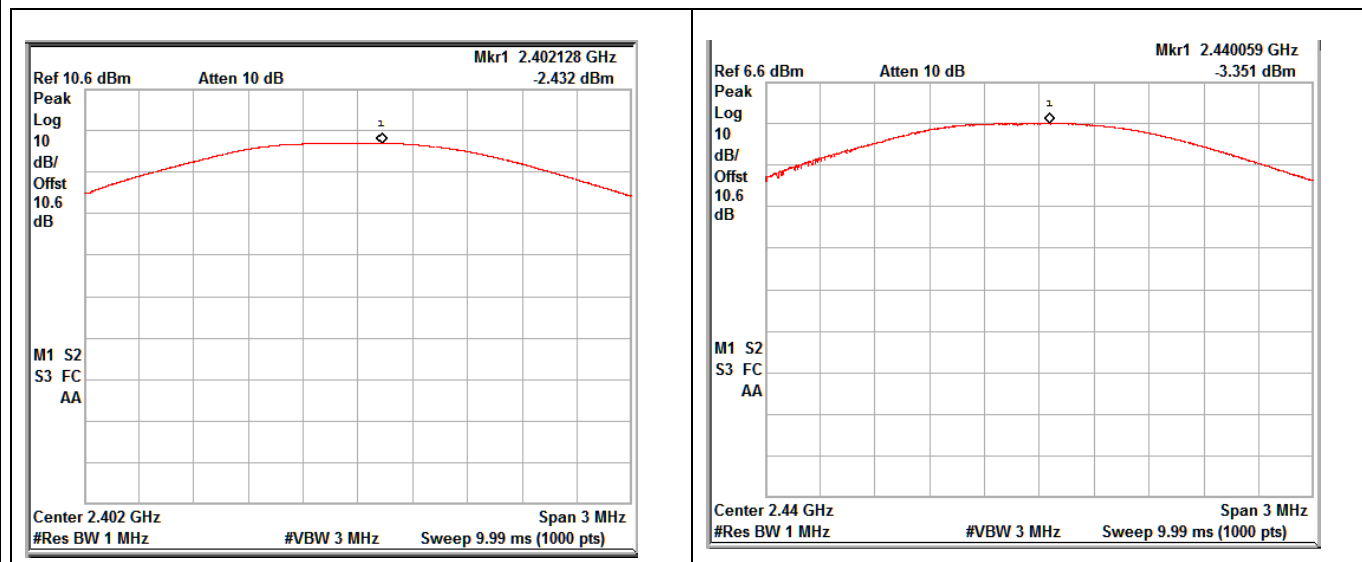
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1. Test Plots Bluetooth Low Energy

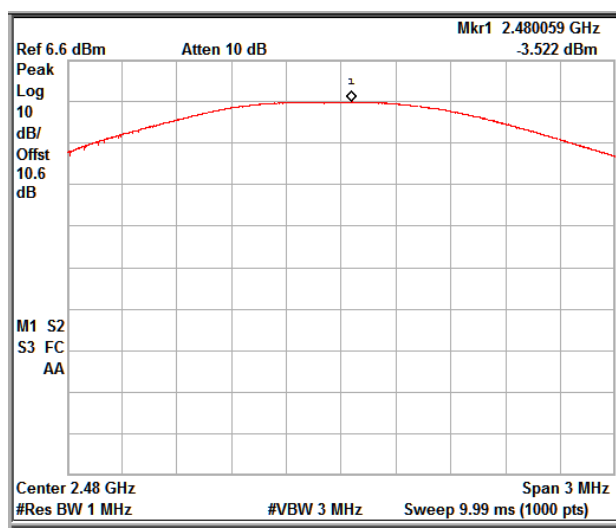
1.1 Maximum Peak Conducted Output Power

Data Rate: 1 Mbps



Channel Frequency: 2402MHz

Channel Frequency: 2440MHz



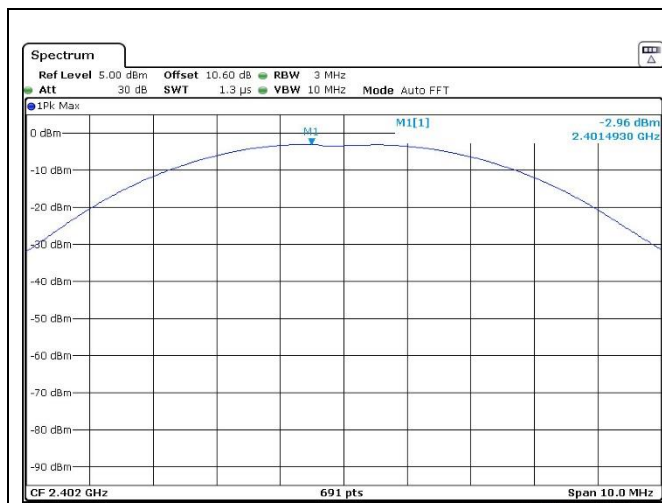
Channel Frequency: 2480MHz

Test Plots

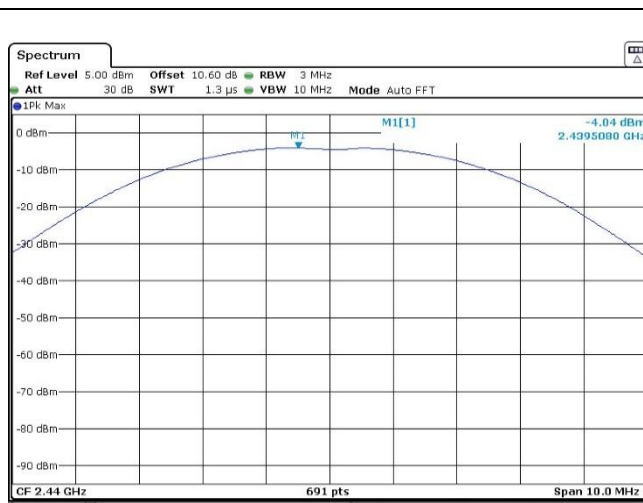
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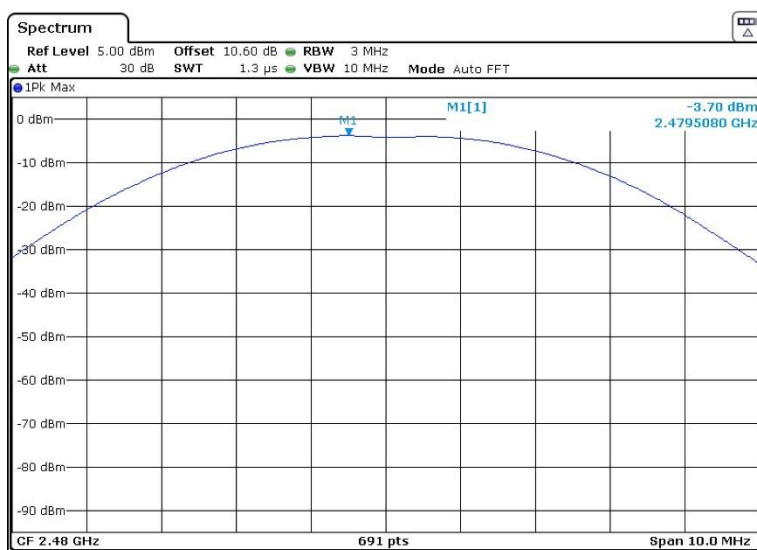
Data Rate: 2 Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

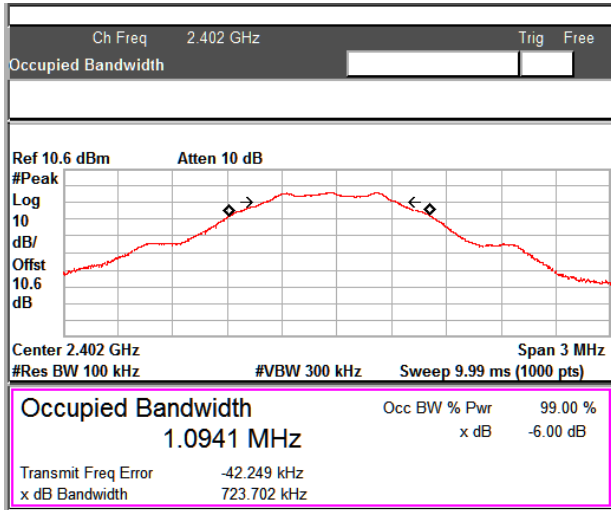
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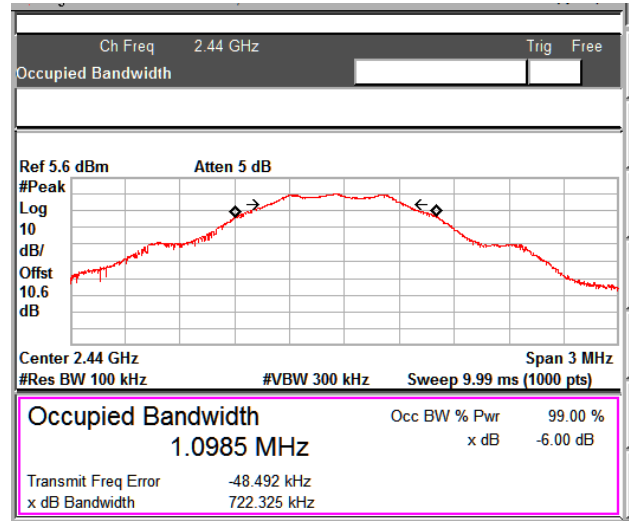
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1.2 DTS Bandwidth

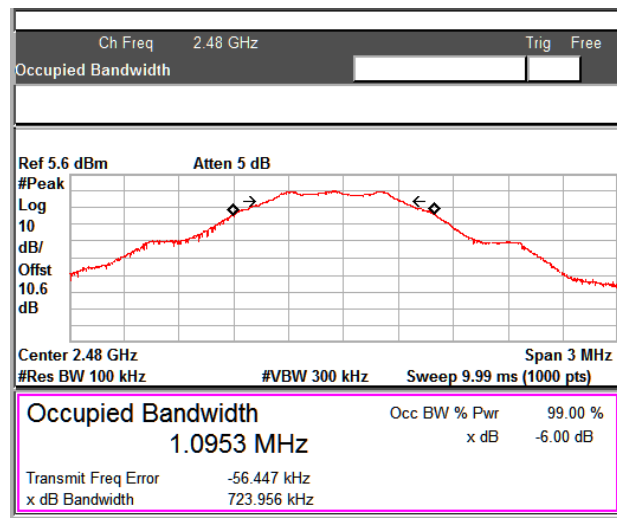
Data Rate: 1 Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



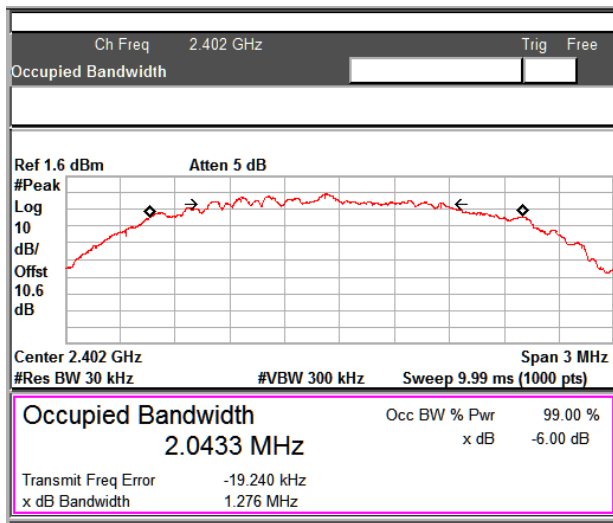
Channel Frequency: 2480MHz

Test Plots

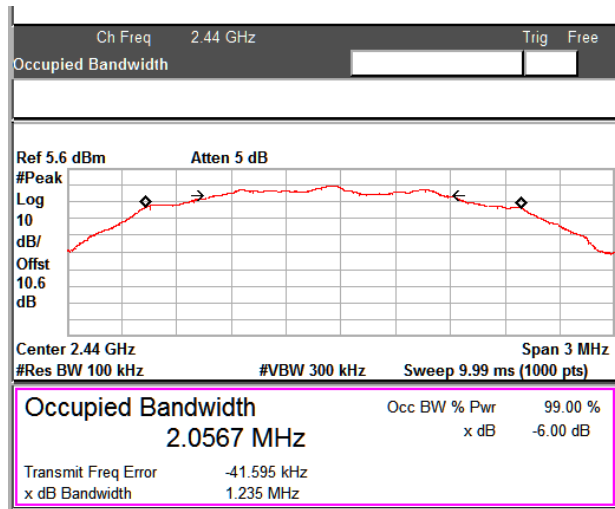
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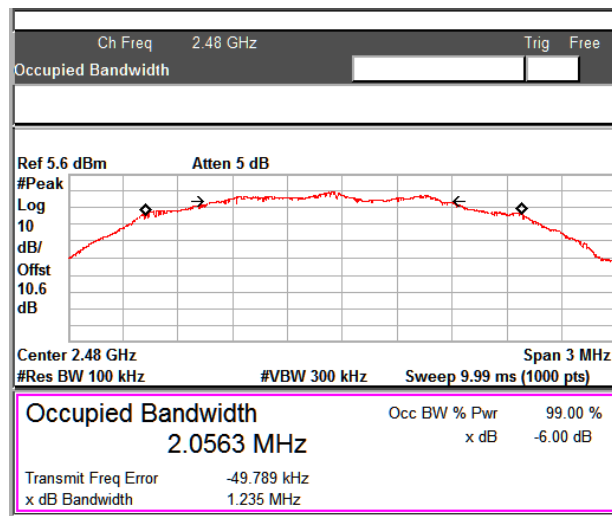
Data Rate: 2 Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

Test Plots

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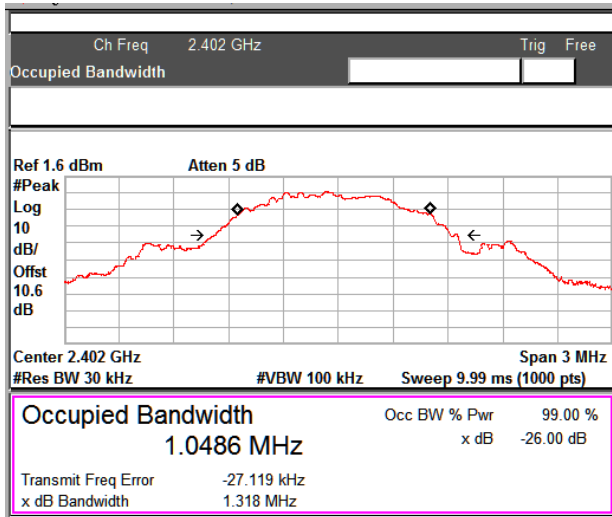
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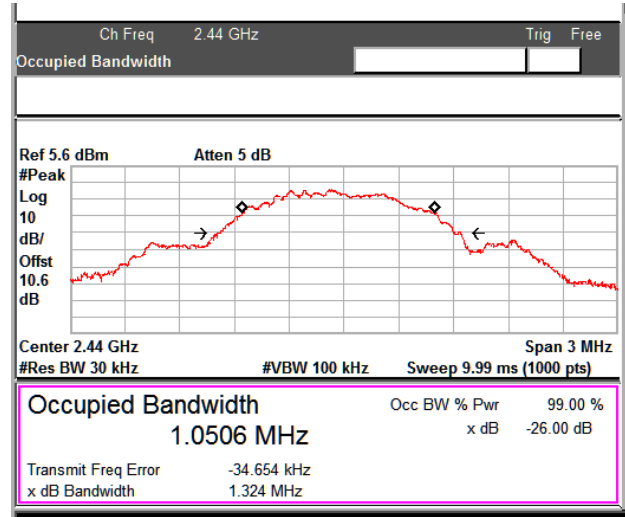
1.3 Occupied channel Bandwidth

Test Plots:

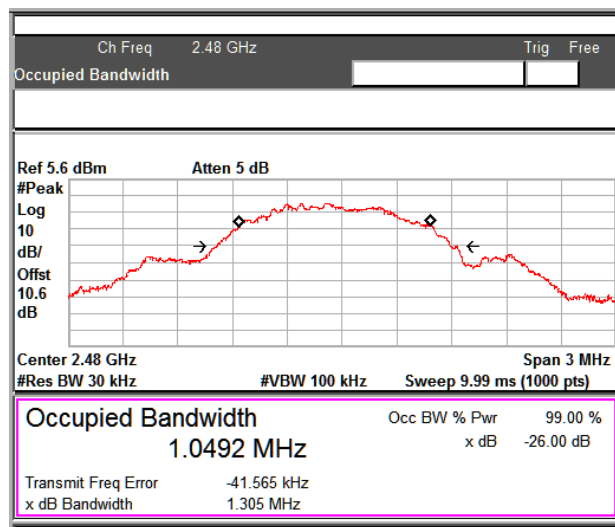
Data rate: 1Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



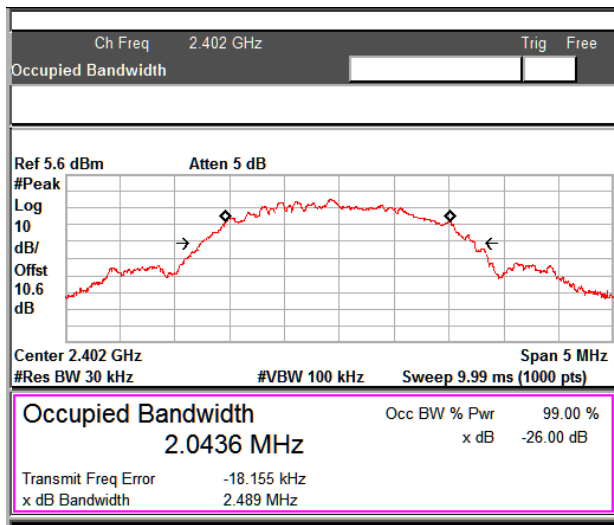
Channel Frequency: 2480MHz

Test Plots

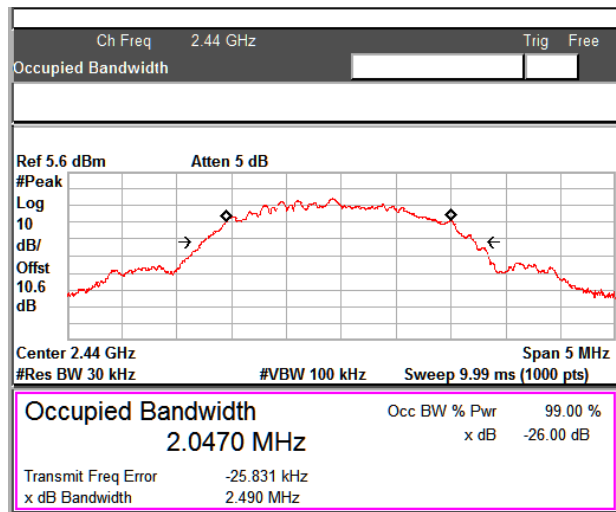
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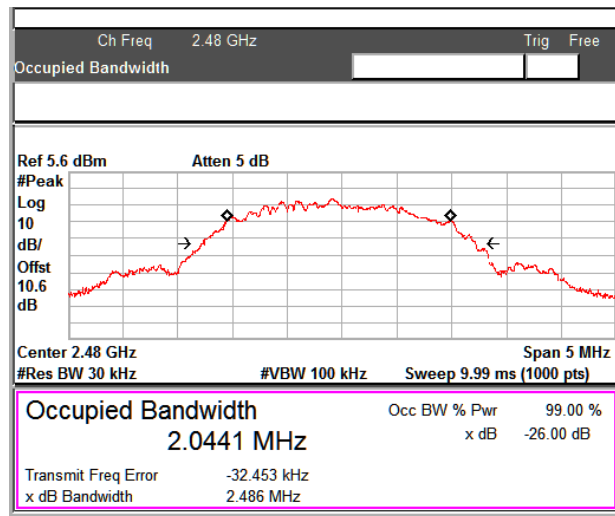
Data rate: 2Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

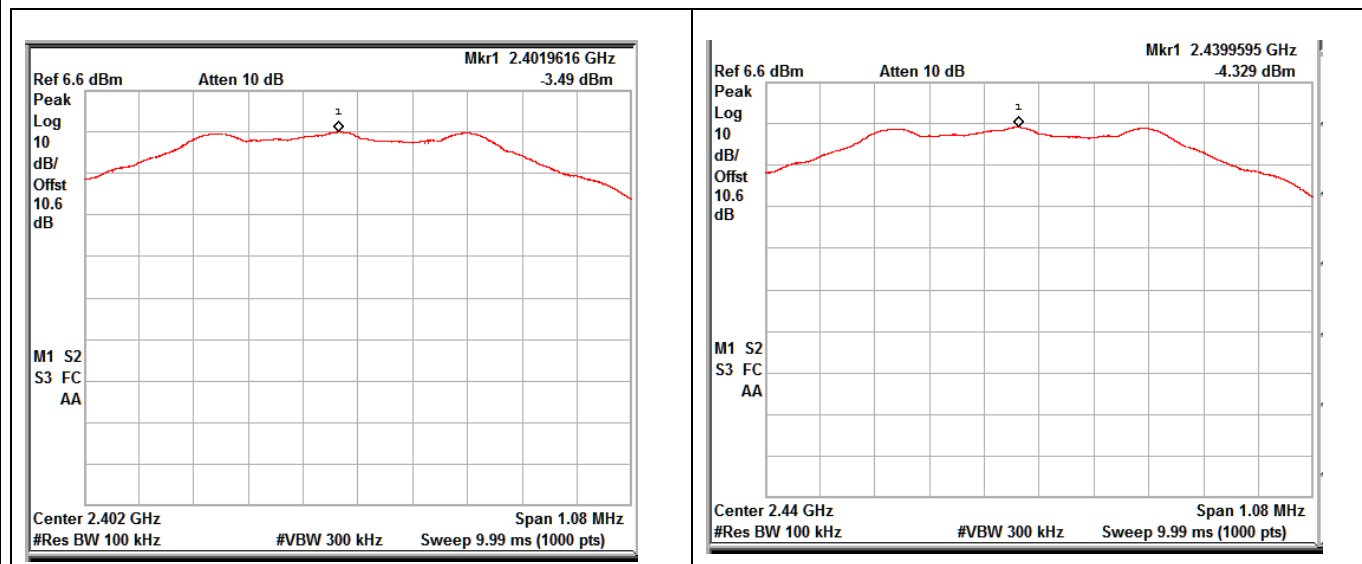
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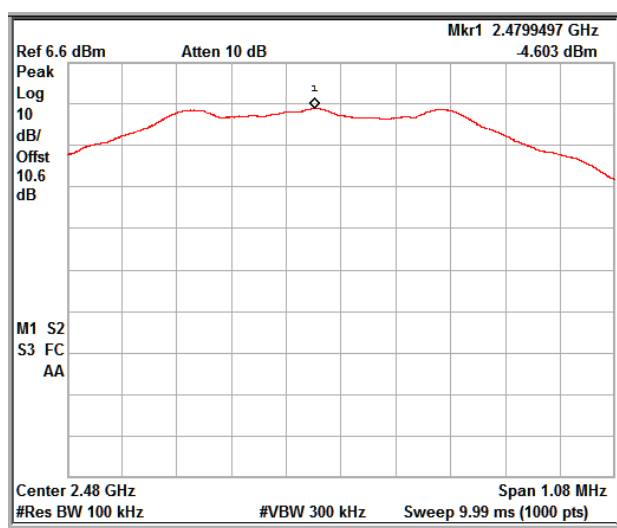
1.4 Power Spectral Density

Data Rate: 1 Mbps



Channel Frequency: 2402MHz

Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

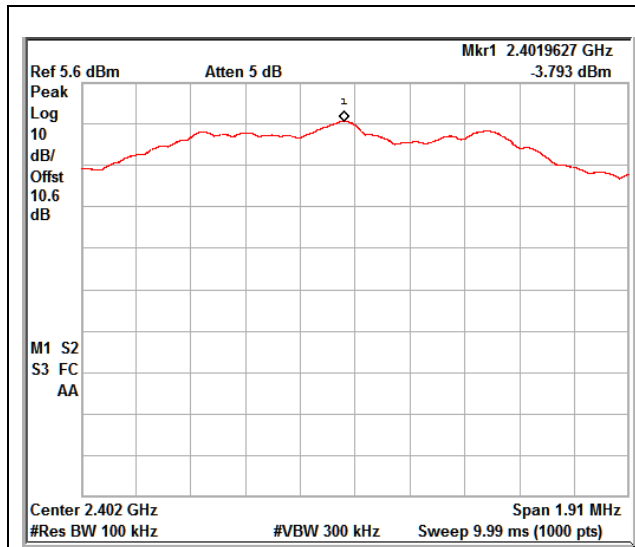
Test Plots

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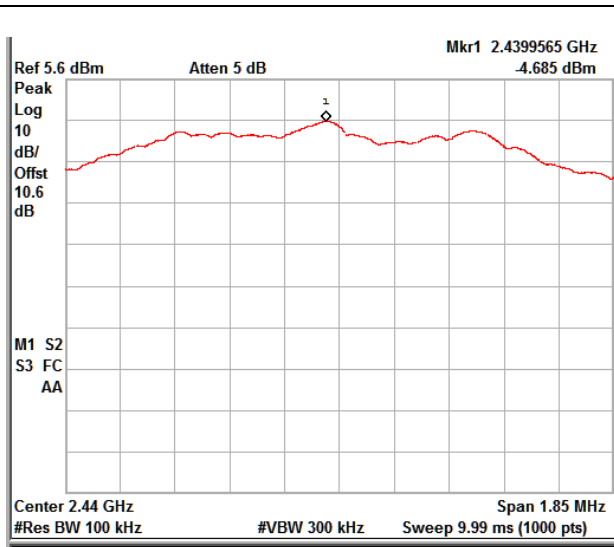
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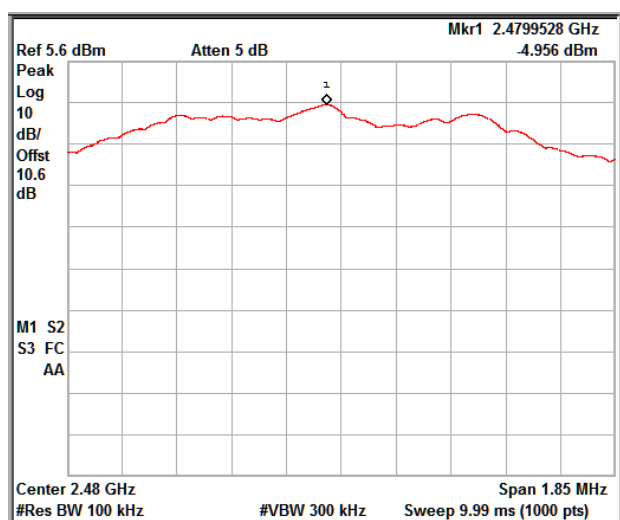
Data Rate: 2 Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

Test Plots

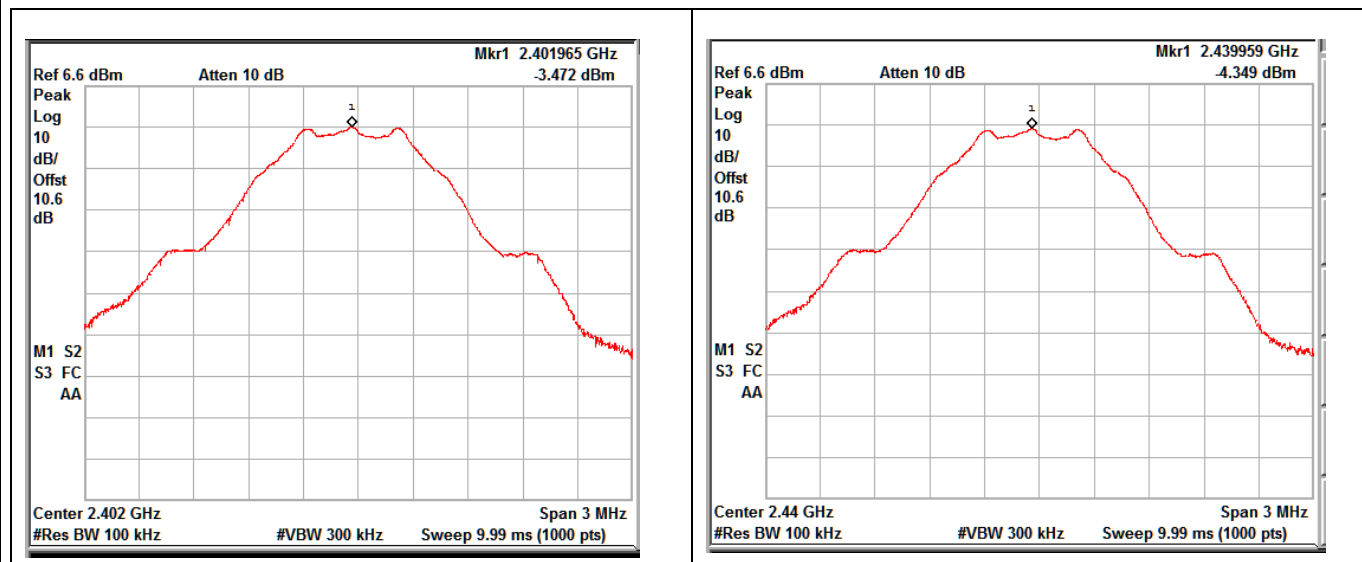
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1.5 Emissions in non-restricted frequency bands and Conducted Spurious Emission

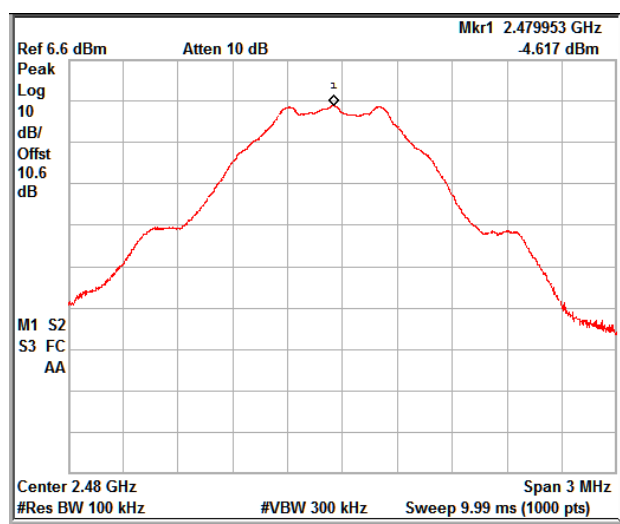
Reference Plots

Data Rate: 1 Mbps



Channel Frequency: 2402MHz

Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

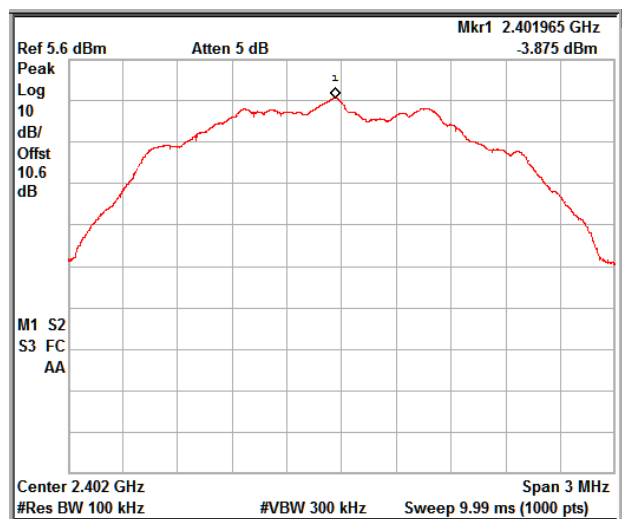
Test Plots

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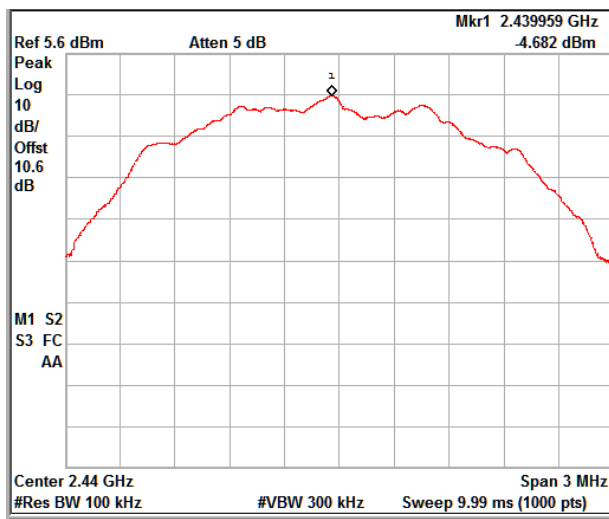
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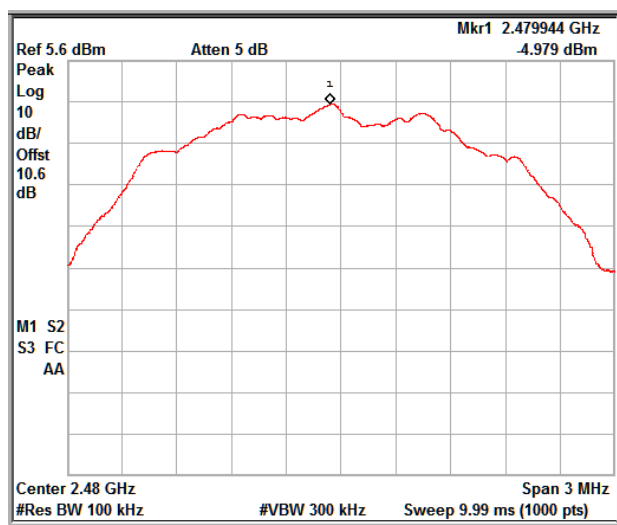
Data Rate: 2 Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2440MHz



Channel Frequency: 2480MHz

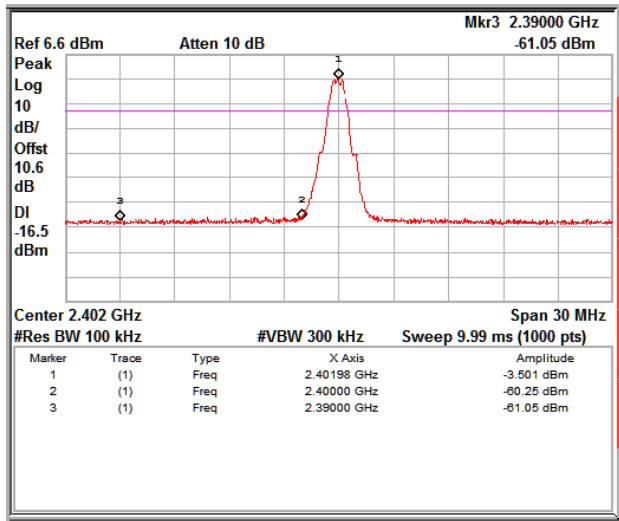
Test Plots

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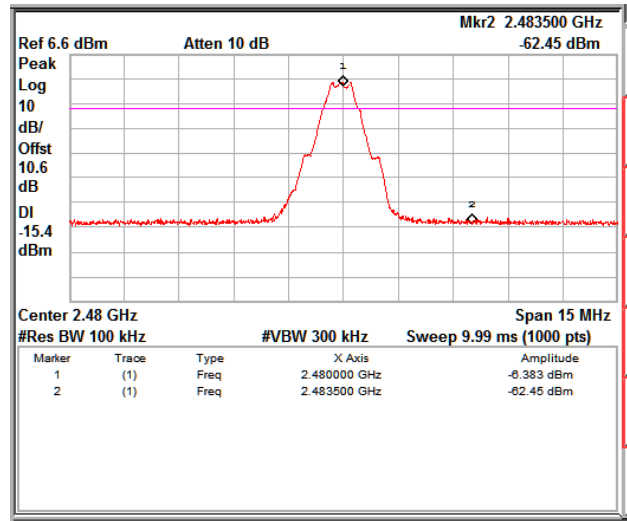
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Band edge Plots

Data rate: 1Mbps

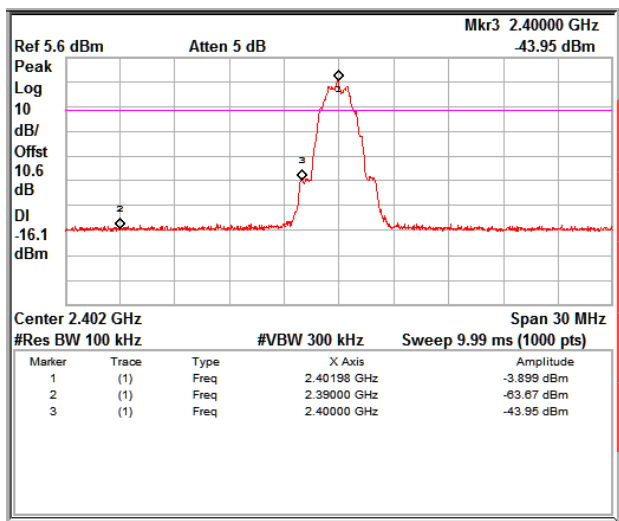


Channel Frequency: 2402MHz

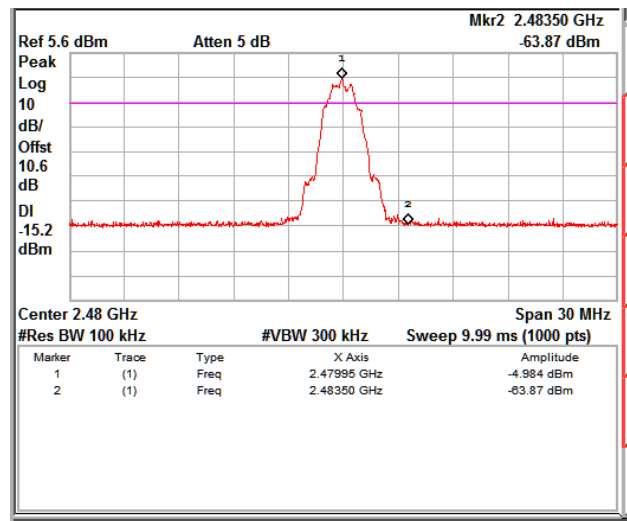


Channel Frequency: 2480MHz

Data rate: 2Mbps



Channel Frequency: 2402MHz



Channel Frequency: 2480MHz

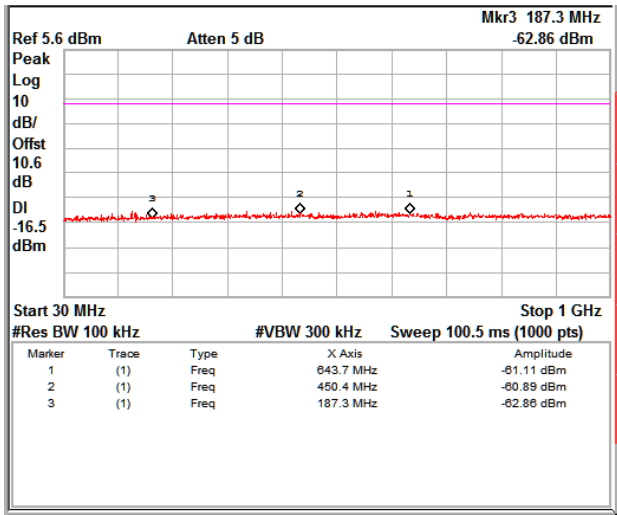
Test Plots

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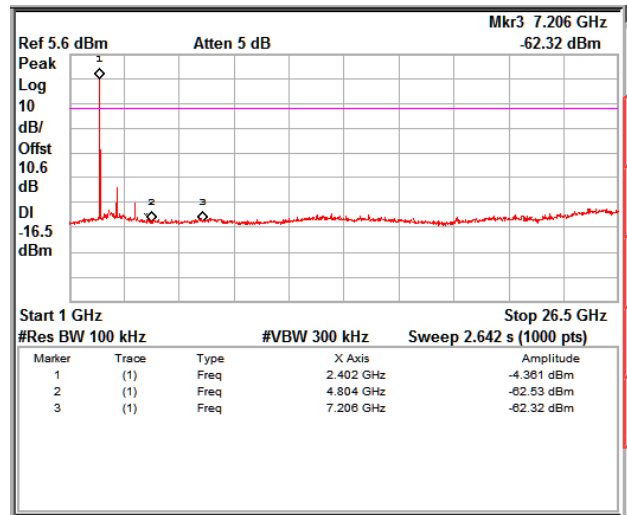
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Out-Of-Band Emissions

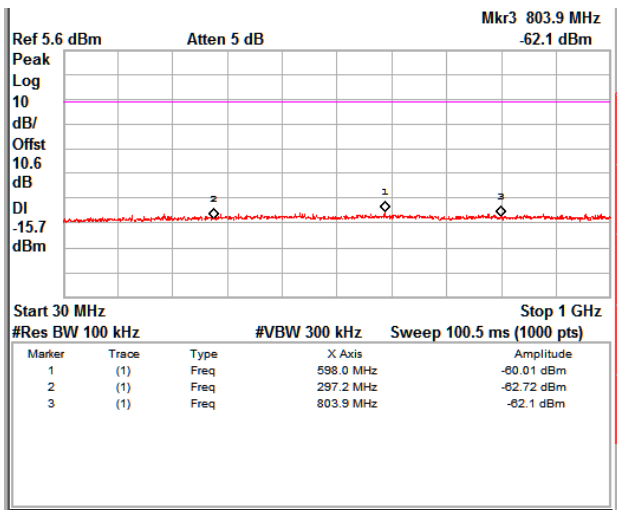
Data rate: 1Mbps



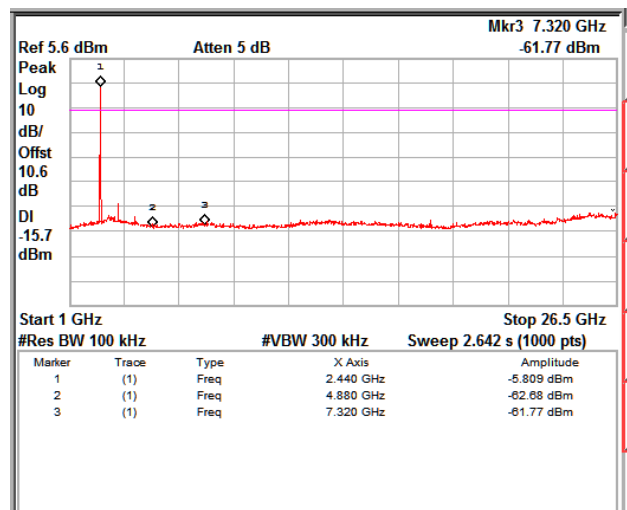
Channel Frequency: 2402MHz Frequency Range 30MHz – 1GHz



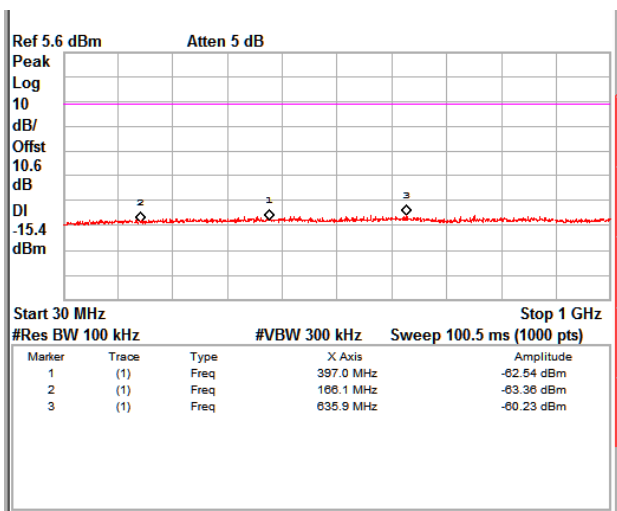
Channel Frequency: 2402MHz Frequency Range 1GHz – 26.5GHz



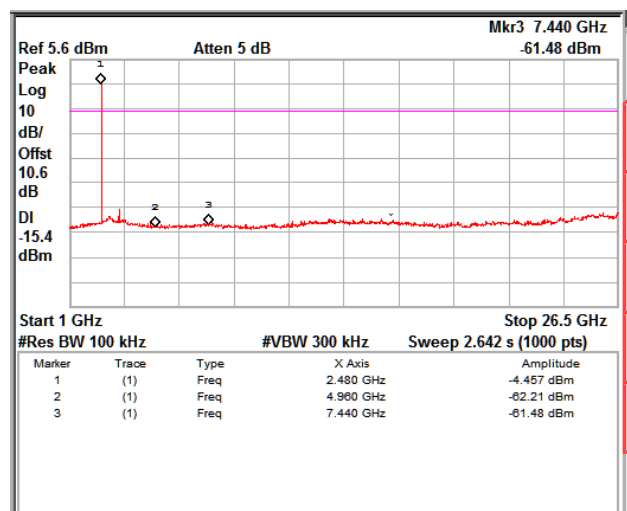
Channel Frequency: 2440MHz Frequency Range 30MHz – 1GHz



Channel Frequency: 2440MHz Frequency Range 1GHz – 26.5GHz



Channel Frequency: 2480MHz Frequency Range 30MHz – 1GHz



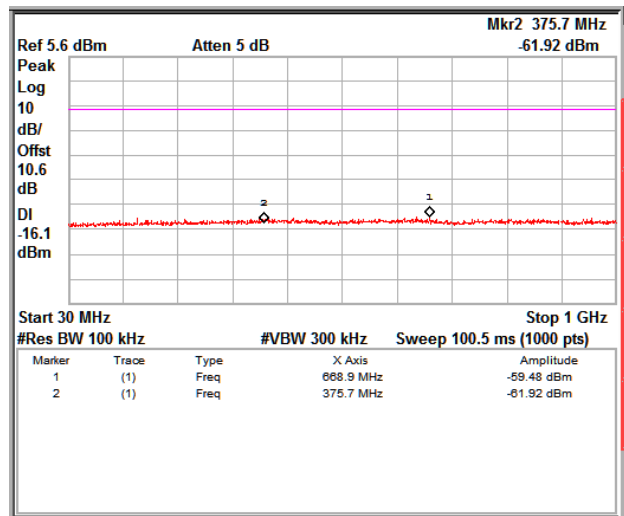
Channel Frequency: 2480MHz Frequency Range 1GHz – 26.5GHz

Test Plots

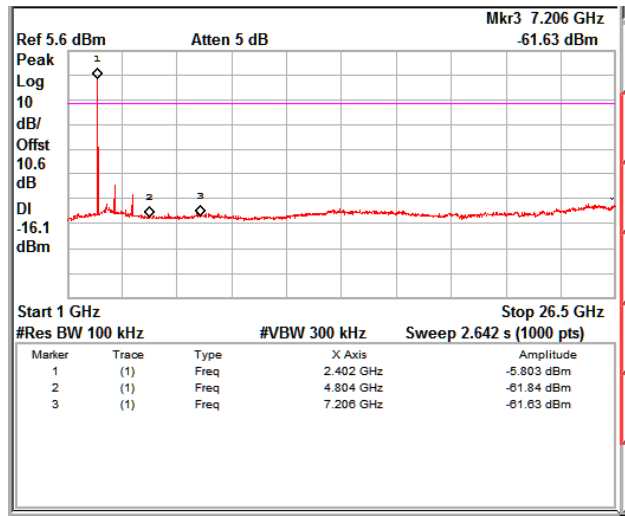
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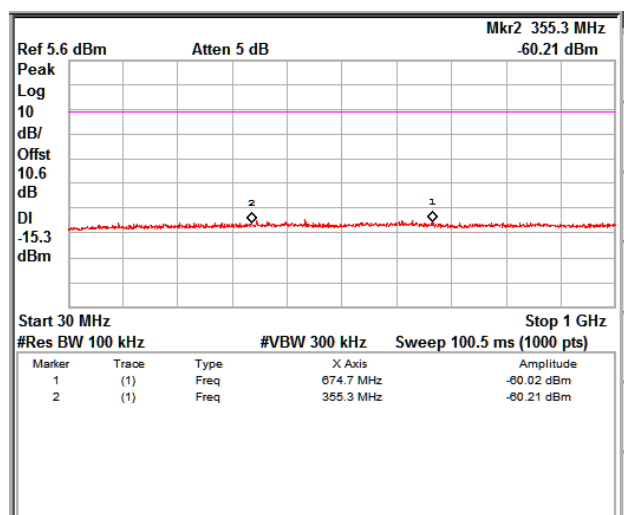
Data rate: 2Mbps



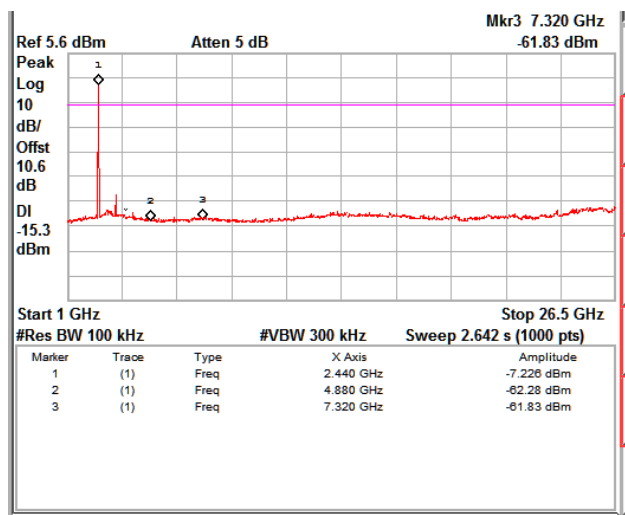
Channel Frequency: 2402MHz Frequency Range 30MHz – 1GHz



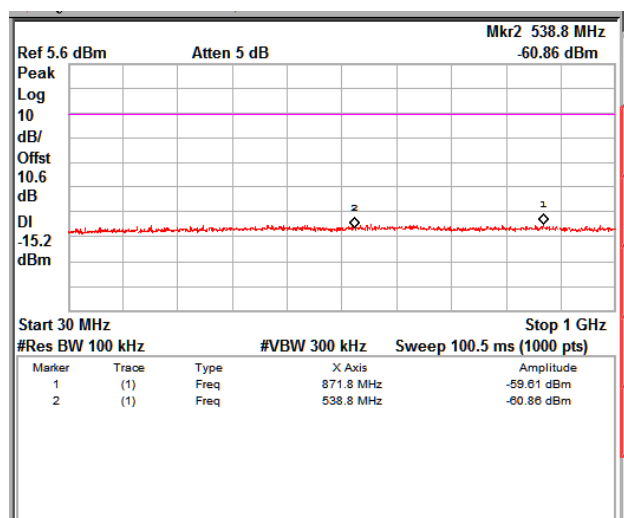
Channel Frequency: 2402MHz Frequency Range 1GHz – 26.5GHz



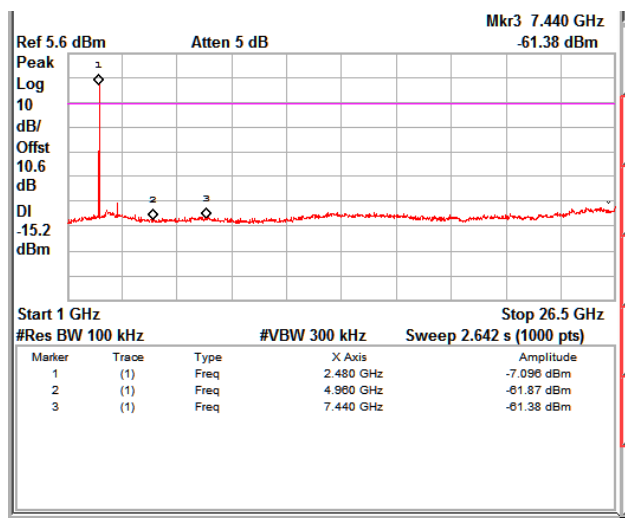
Channel Frequency: 2440MHz Frequency Range 30MHz – 1GHz



Channel Frequency: 2440MHz Frequency Range 1GHz – 26.5GHz

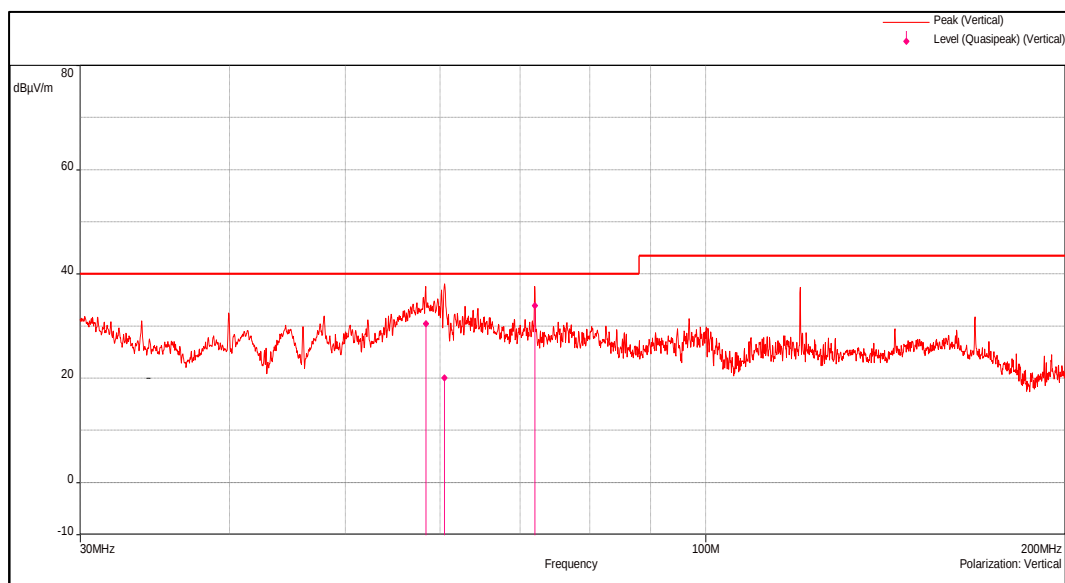


Channel Frequency: 2480MHz Frequency Range 30MHz – 1GHz



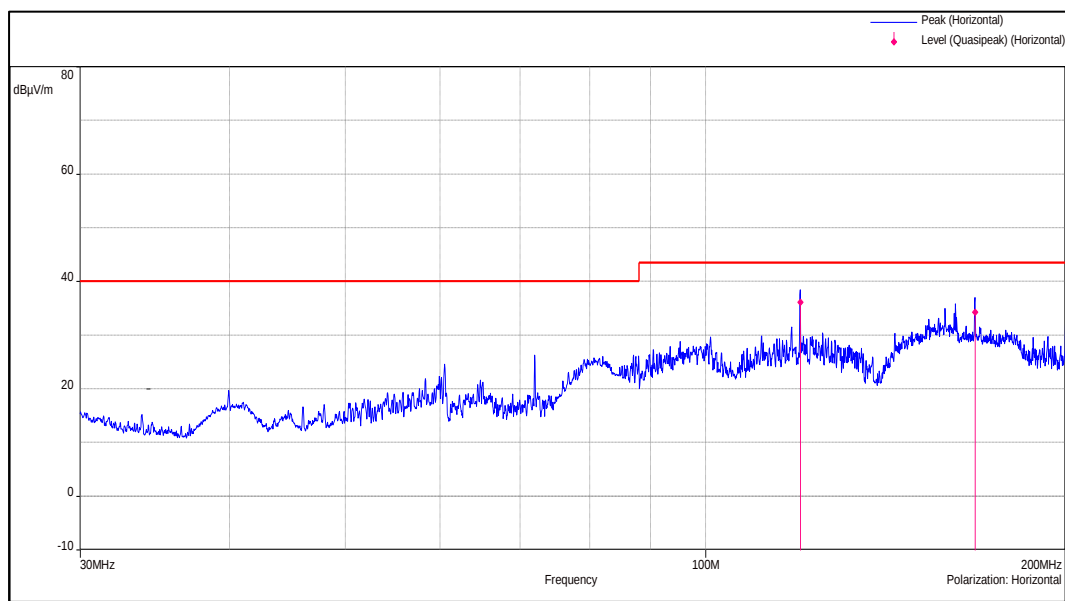
Channel Frequency: 2480MHz Frequency Range 1GHz – 26.5GHz

1.6 Spurious Radiated Emissions & Restricted Bands of Operation



Channel Frequency 30MHz – 200MHz

Polarization Vertical



Channel Frequency 30MHz – 200MHz

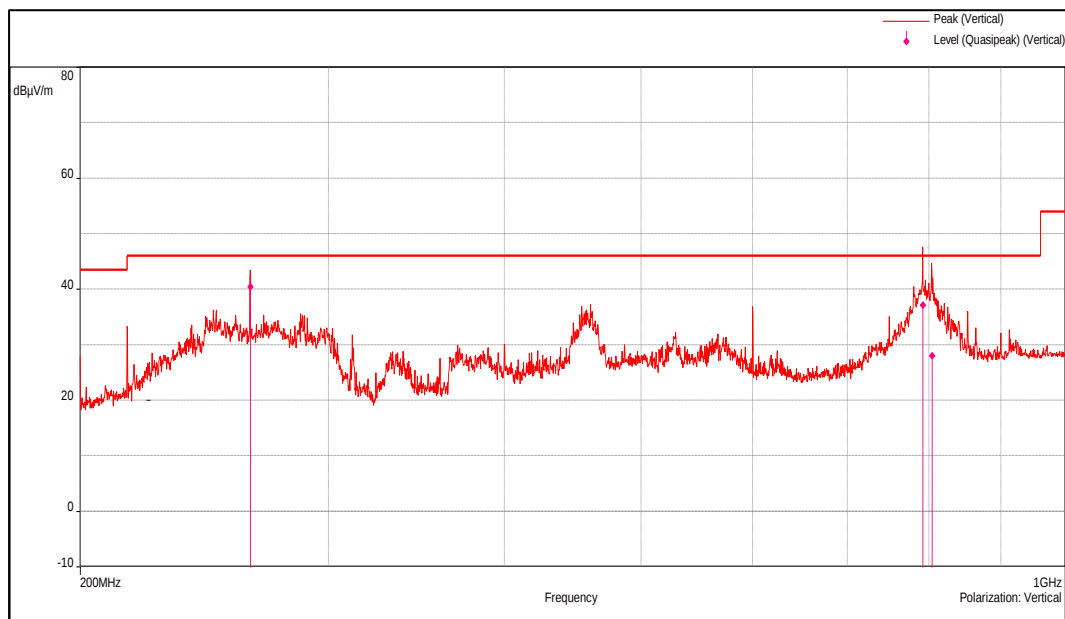
Polarization Horizontal

Test Plots

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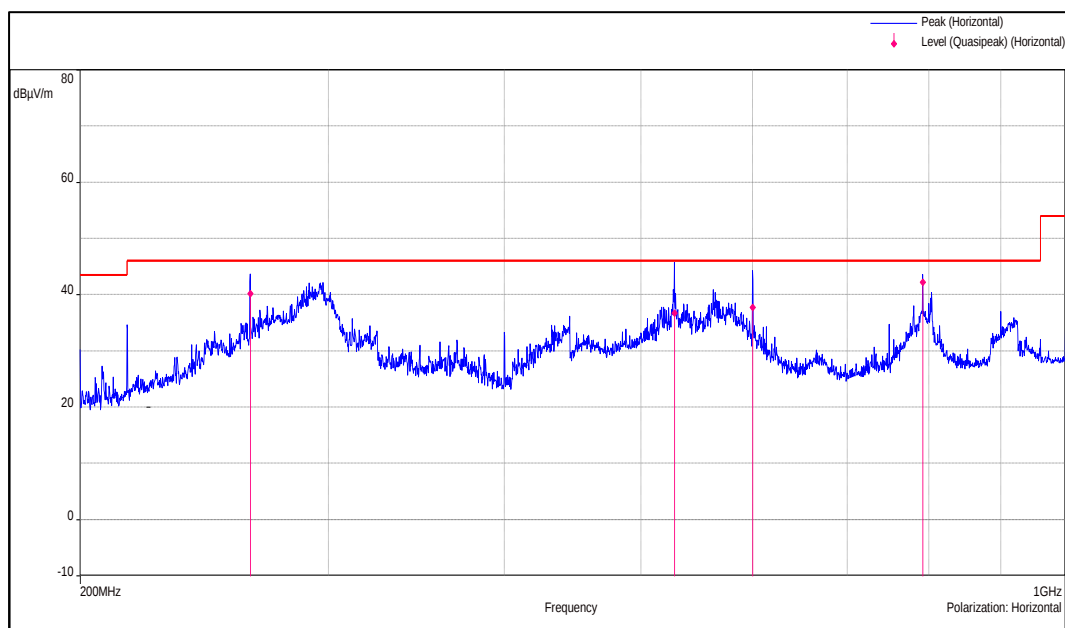
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Channel Frequency 200MHz – 1GHz

Polarization Vertical



Channel Frequency 200MHz – 1GHz

Polarization Horizontal

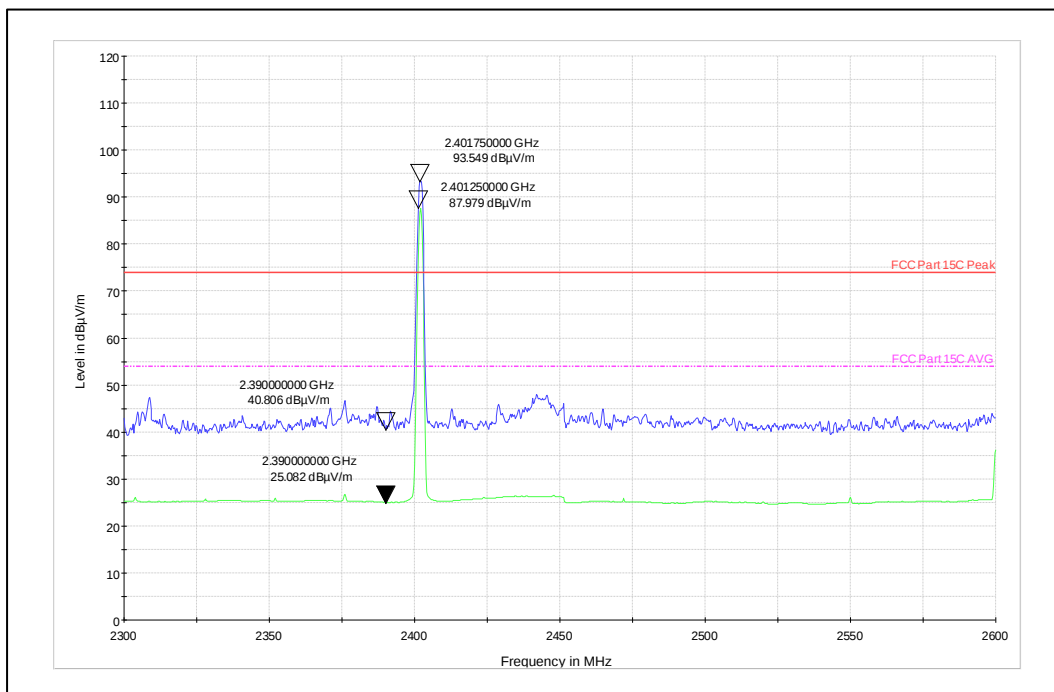
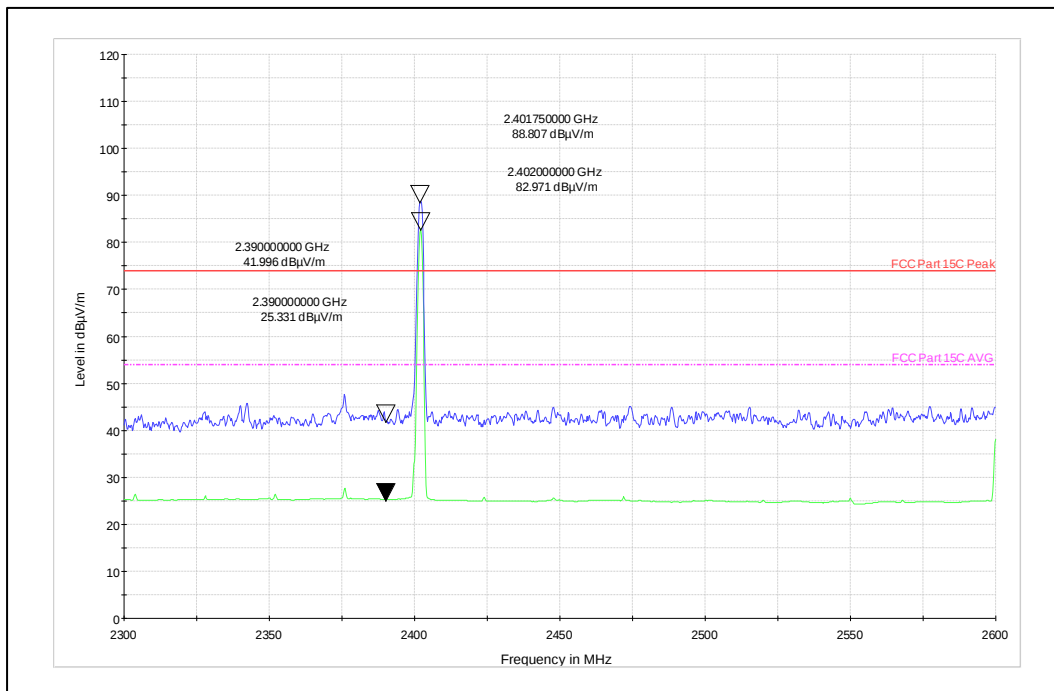
Test Plots

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Data Rate: 1Mbps

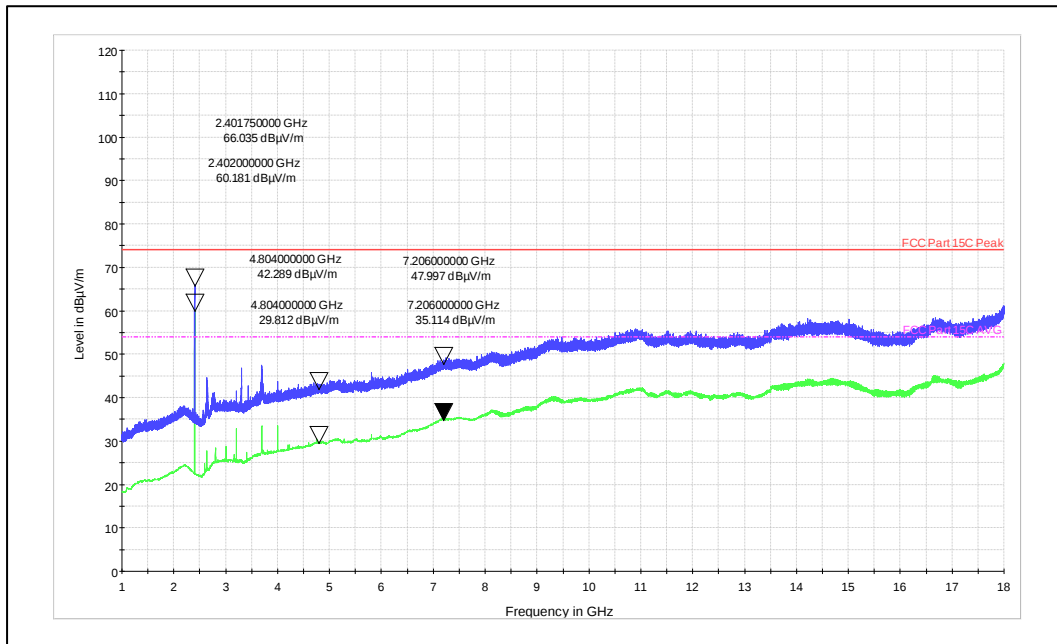


Test Plots

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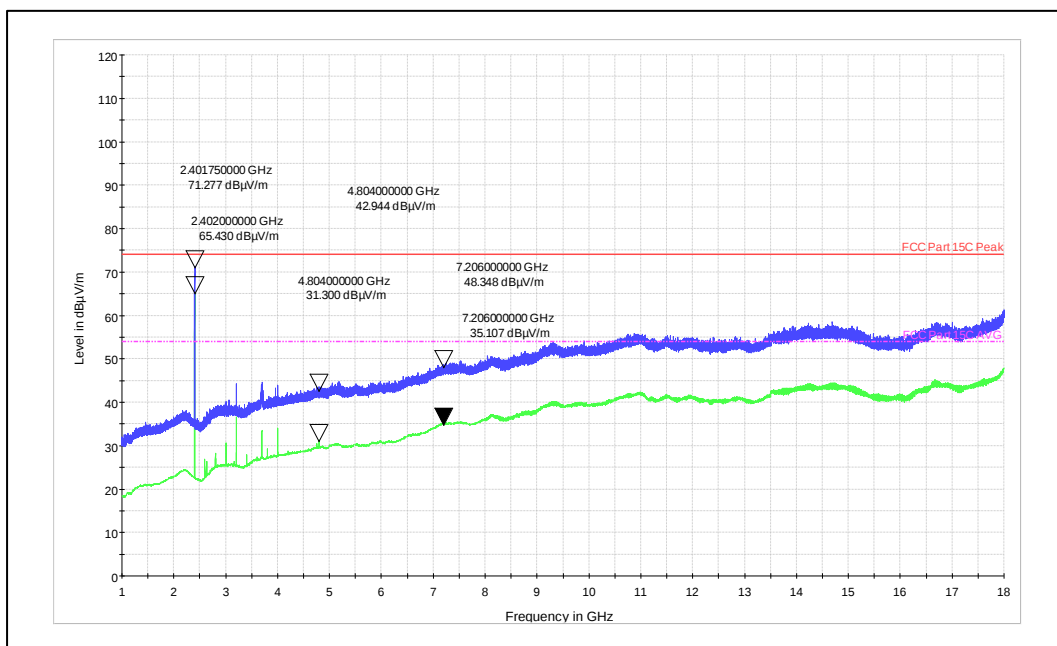
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Channel Frequency: 2402MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



Polarization: Horizontal

Frequency range: 1GHz to 18GHz

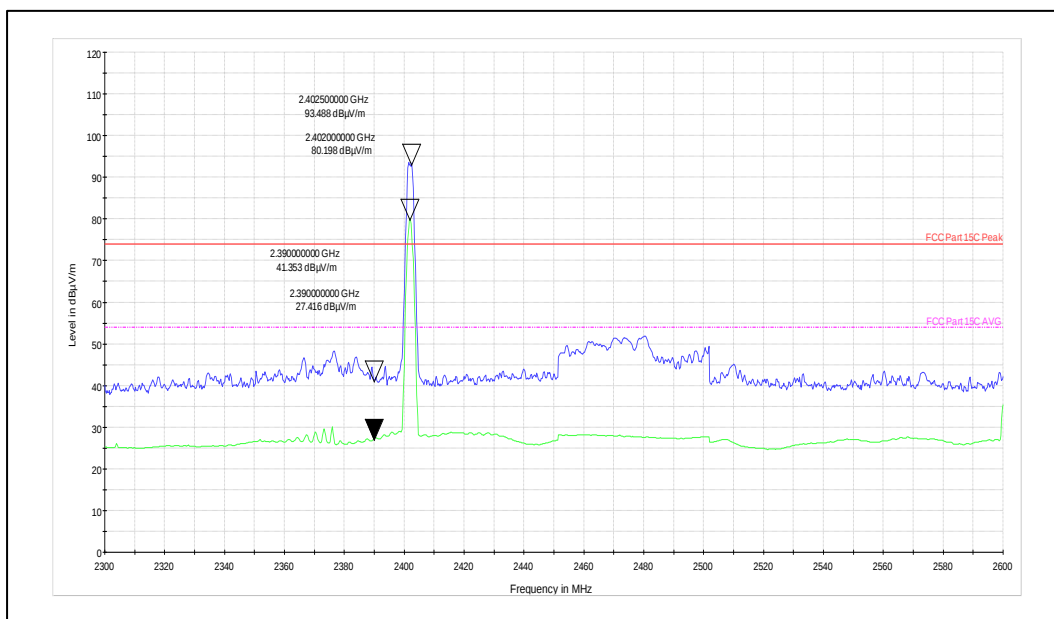
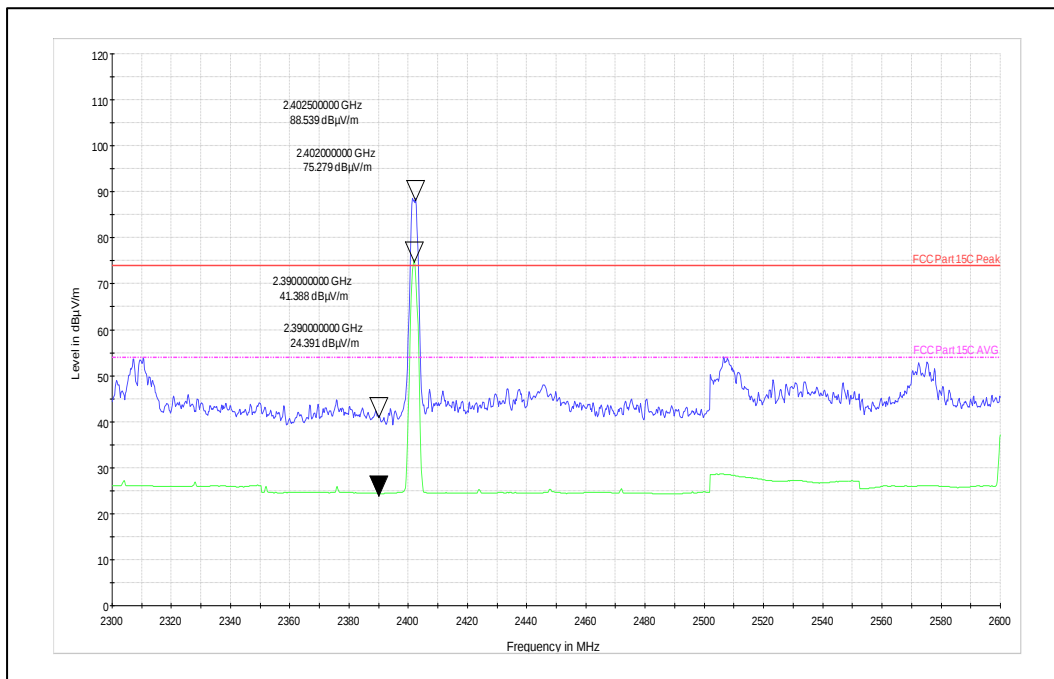
Test Plots

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Data Rate: 2Mbps

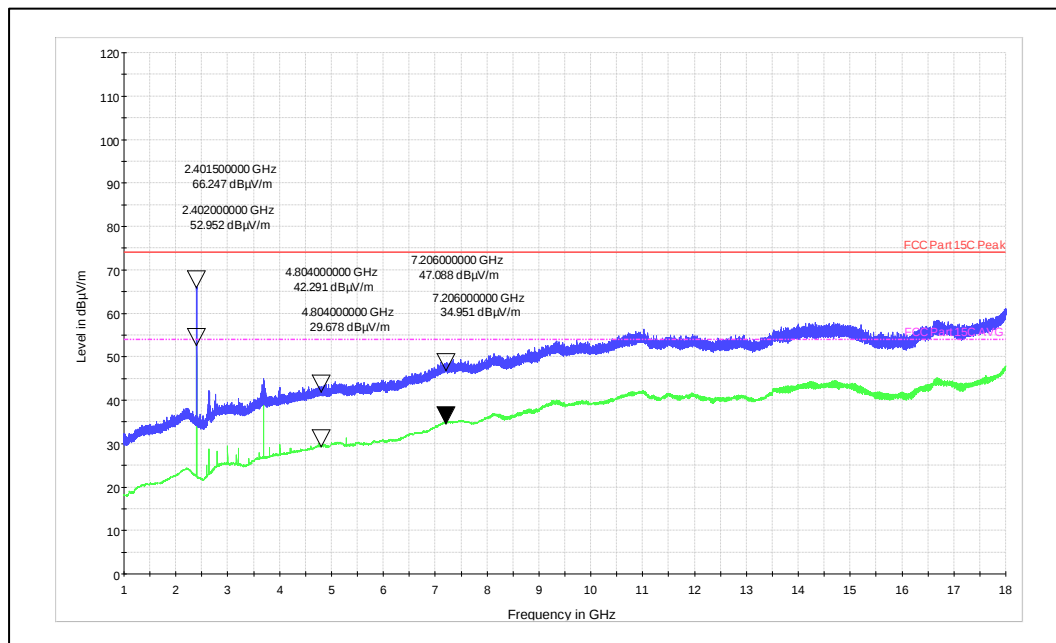


Test Plots

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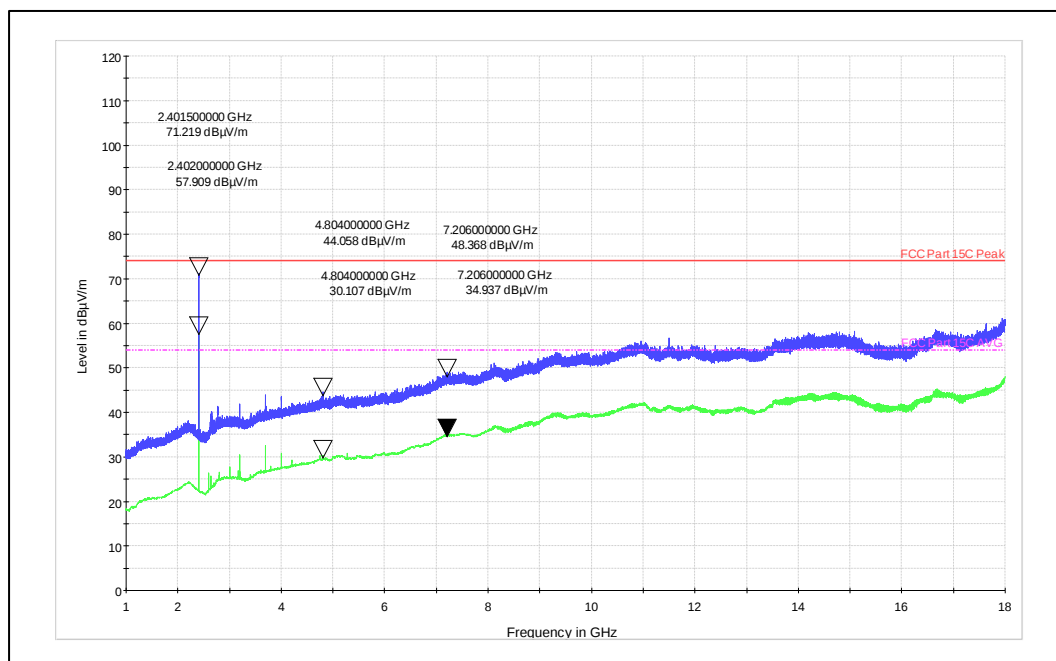
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Channel Frequency: 2402MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



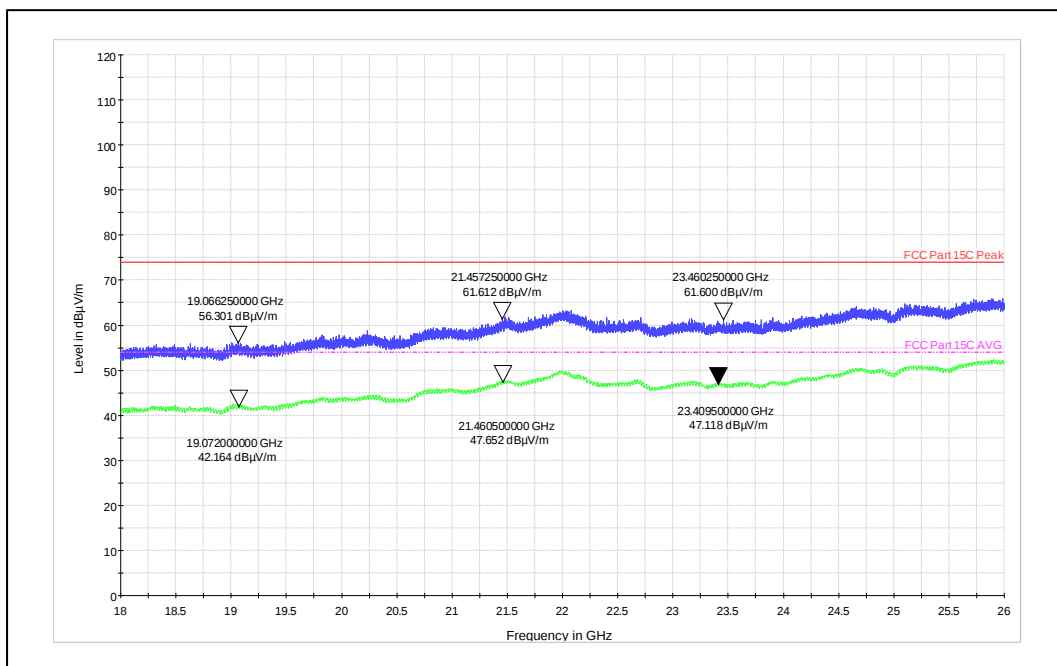
Polarization: Horizontal

Frequency range: 1GHz to 18GHz

Test Plots

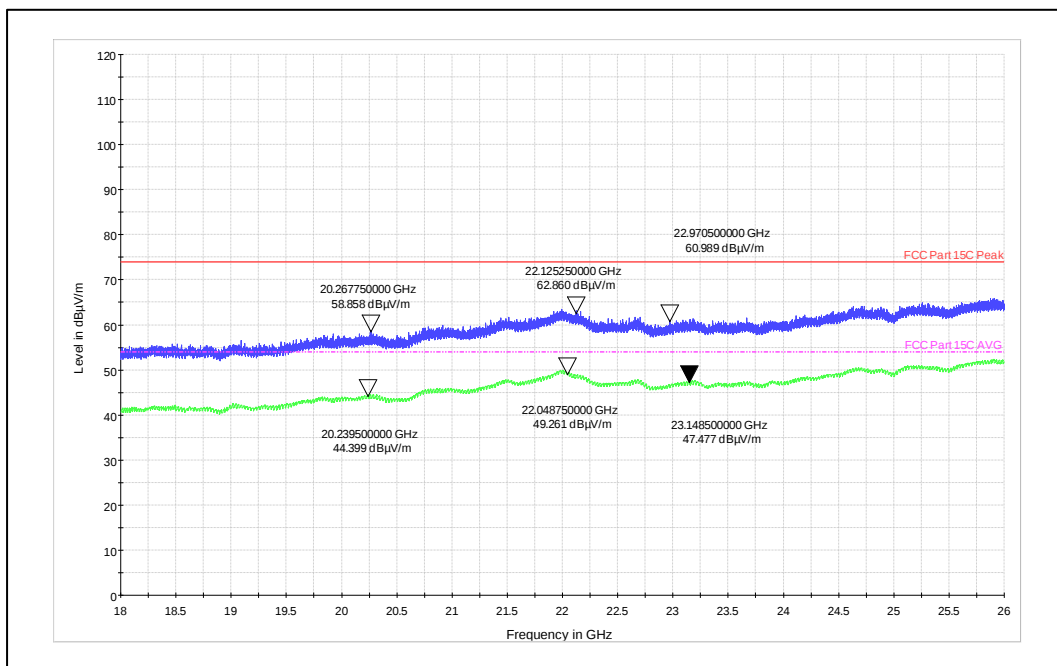
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Polarization: Vertical

Frequency range: 18GHz to 26GHz



Polarization: Horizontal

Frequency range: 18GHz to 26GHz

Test Plots

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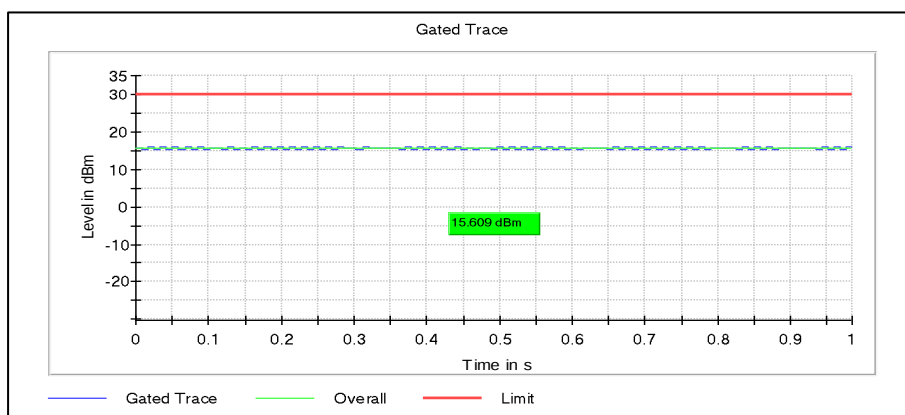
2. Test Plots Wi-Fi 2.4 GHz

2.1 RF Output Power

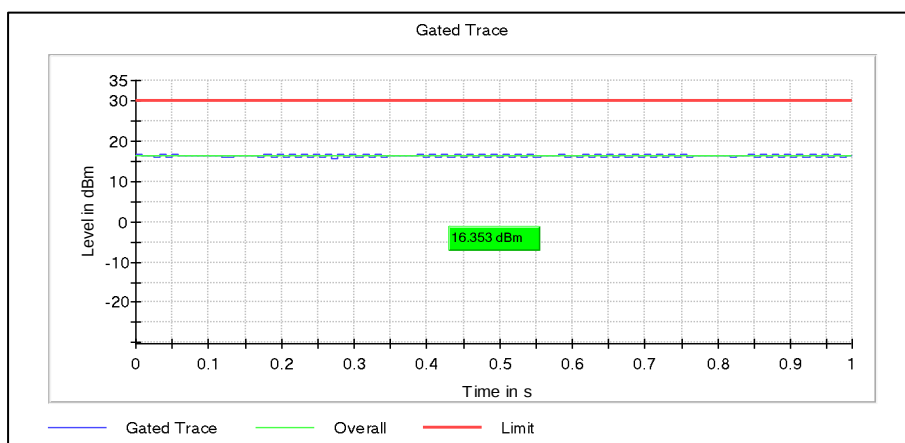
Modulation: 802.11b

Data Rate: 1Mbps

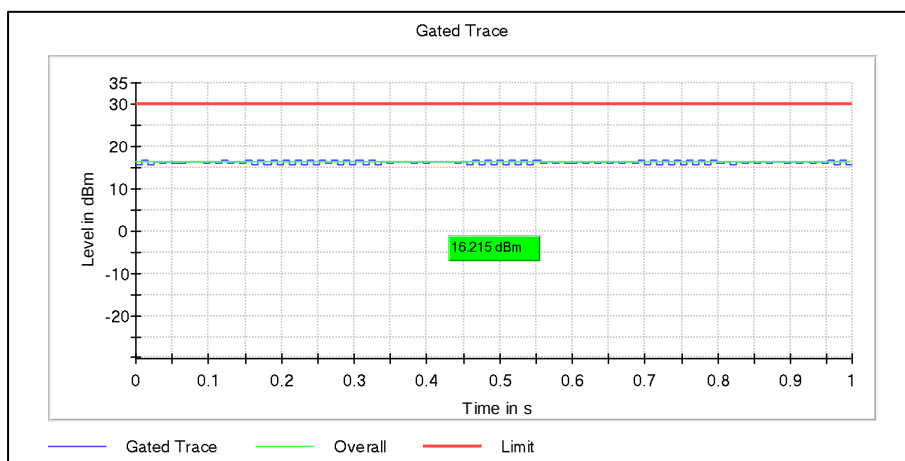
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



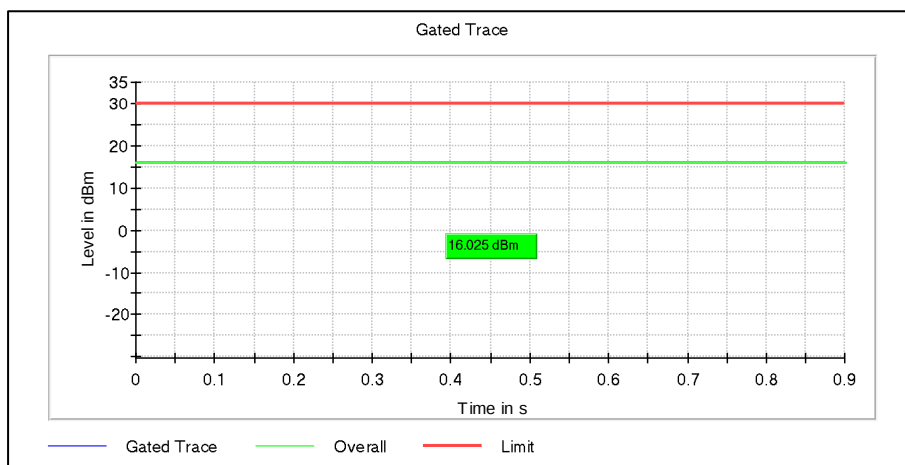
Test Plots

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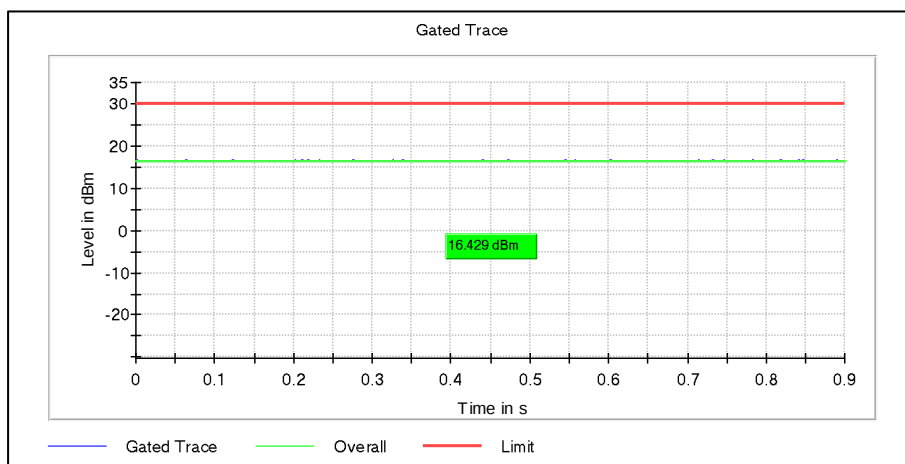
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Data Rate: 11Mbps

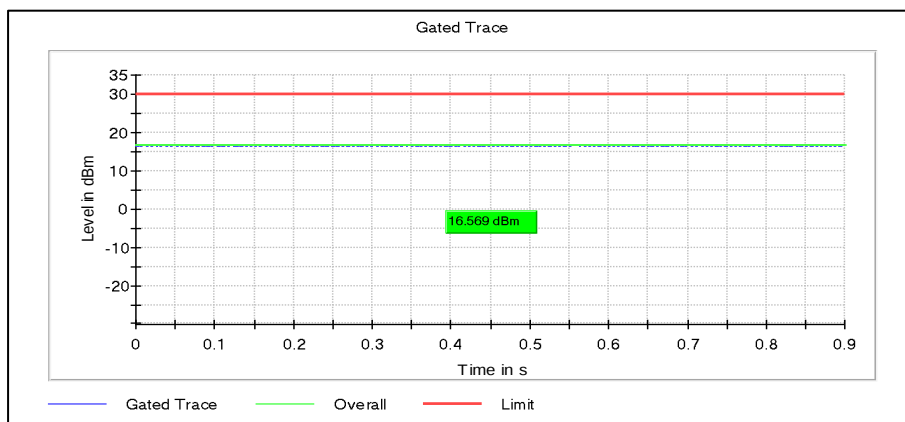
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

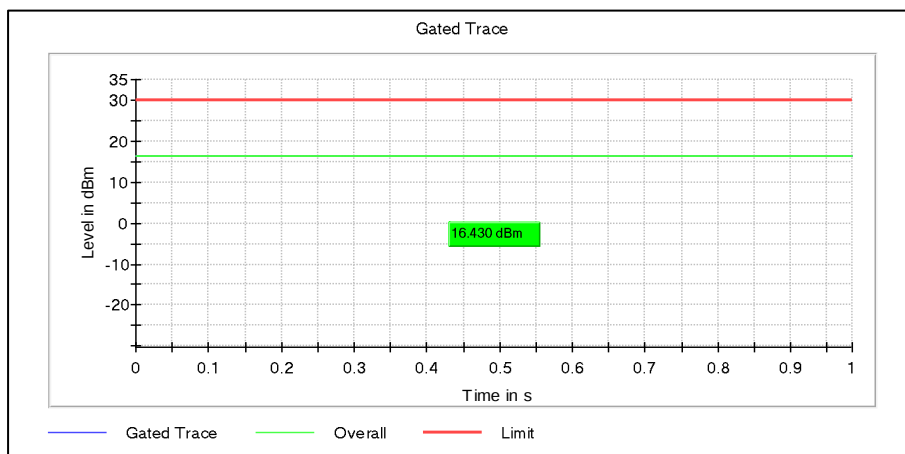
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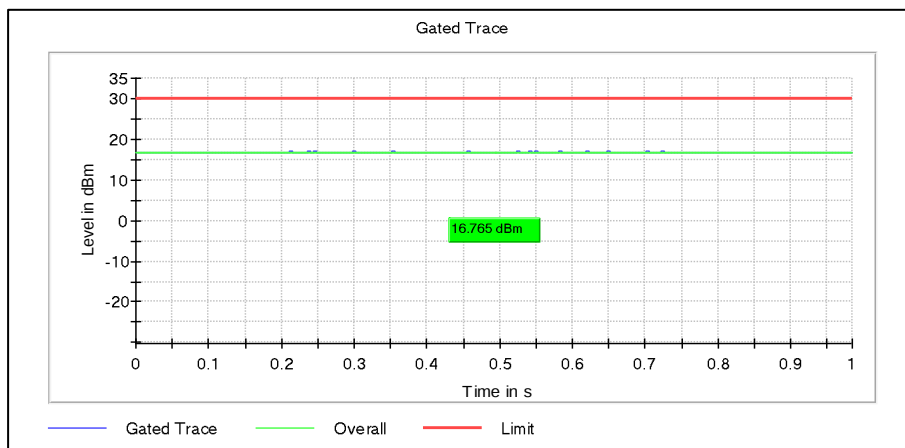
Modulation: 802.11g

Data Rate: 6Mbps

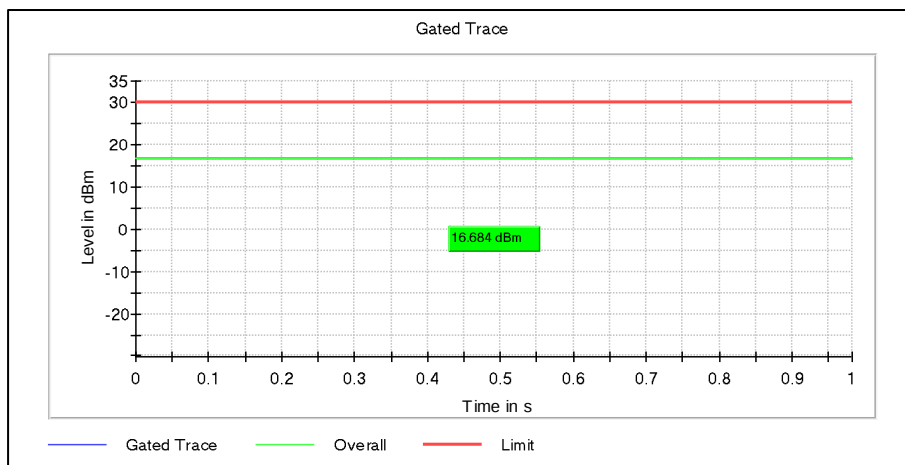
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



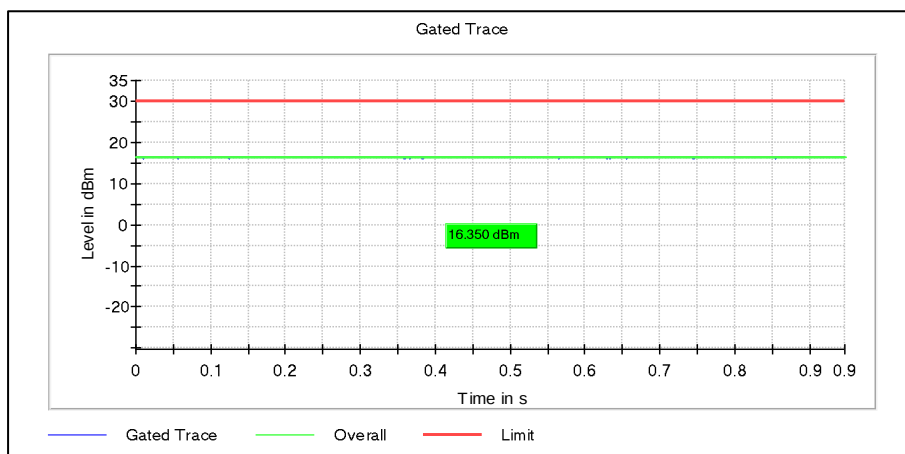
Test Plots

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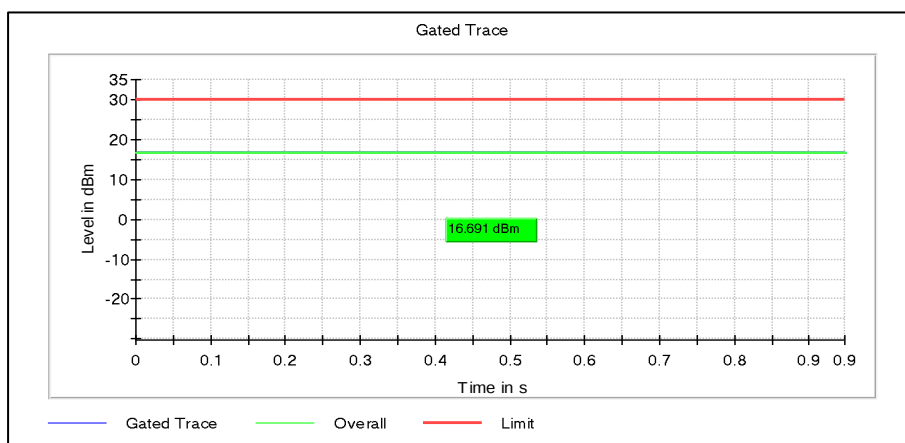
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Data Rate: 24Mbps

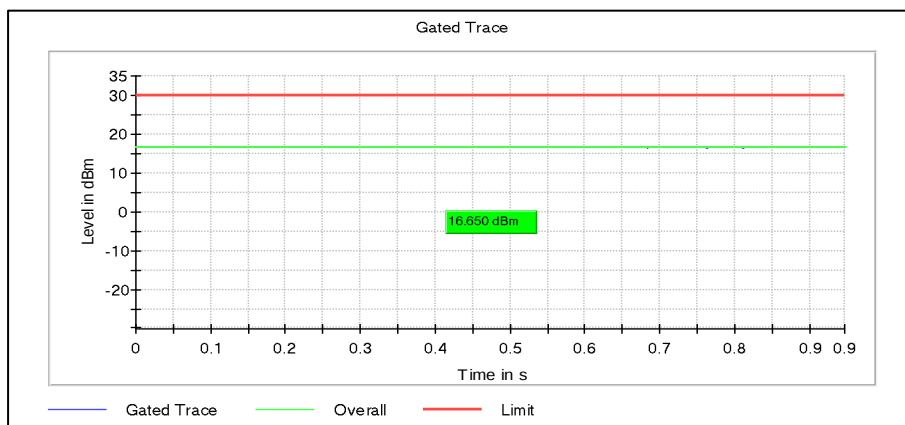
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

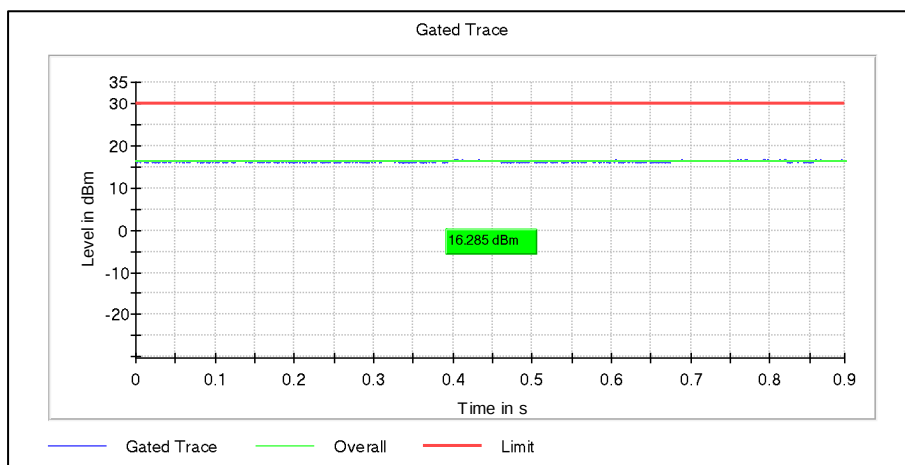
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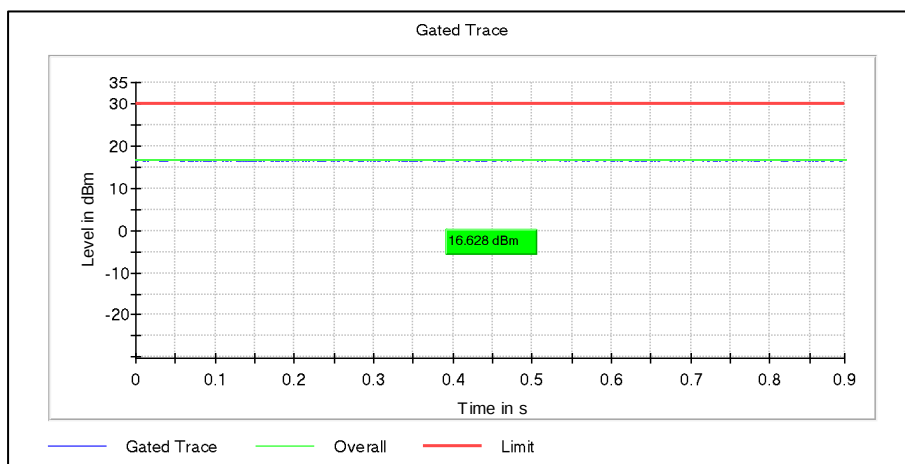
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Data Rate: 54Mbps

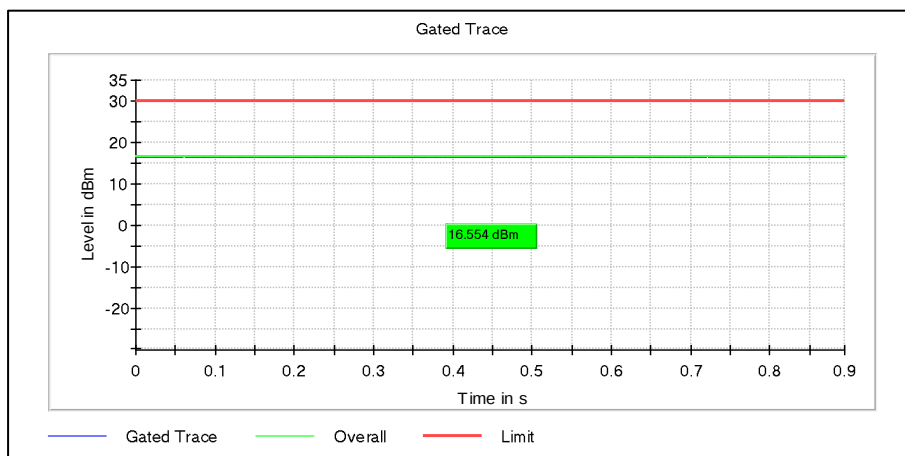
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

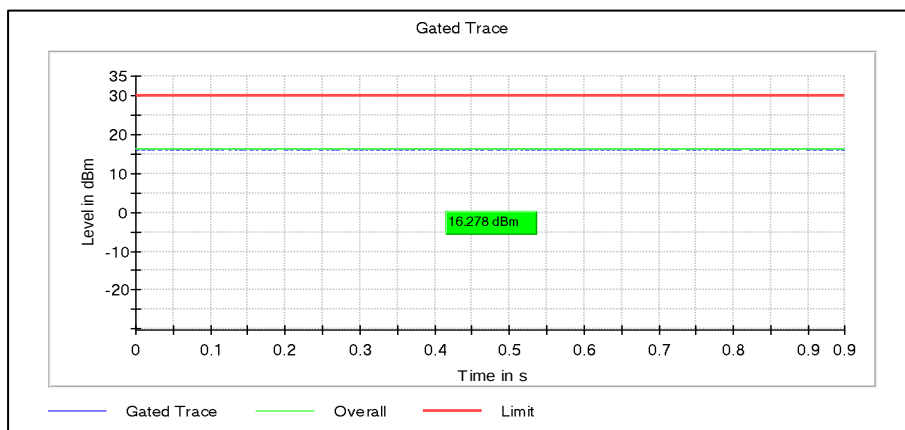
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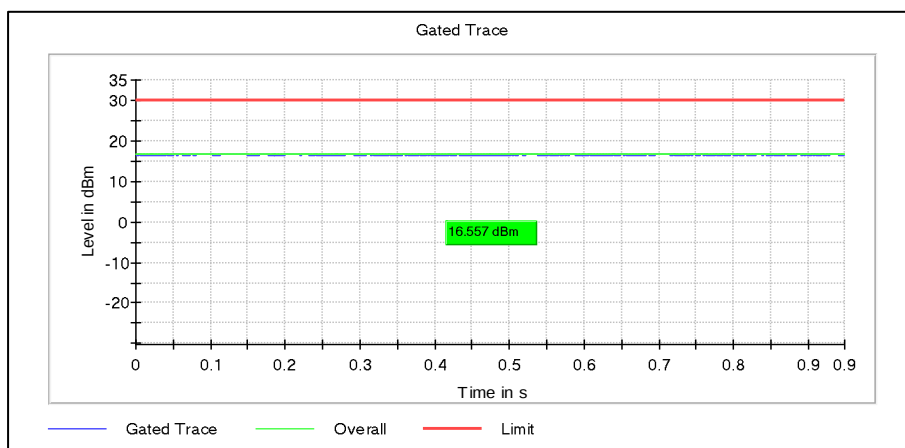
Modulation: 802.11n HT20

Data Rate: MCS0

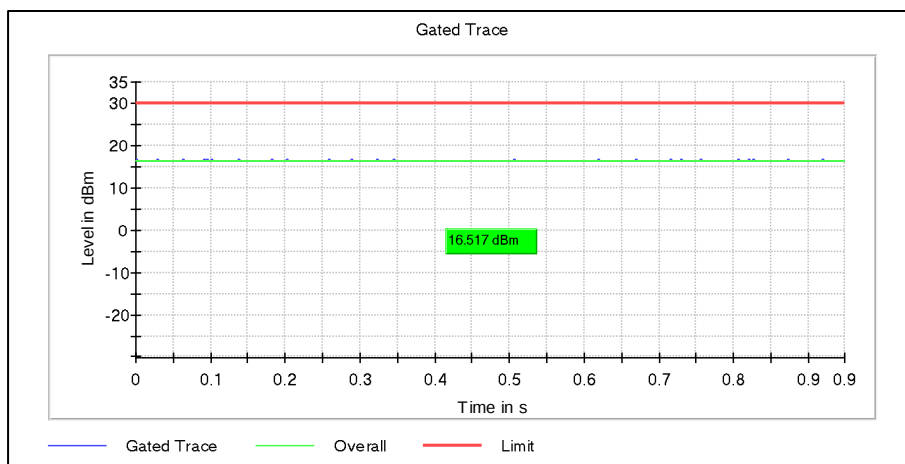
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



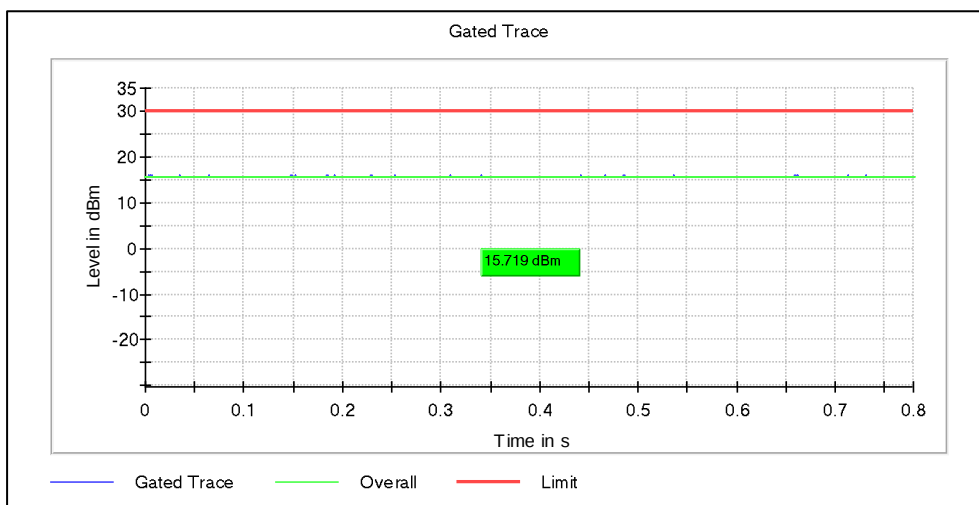
Test Plots

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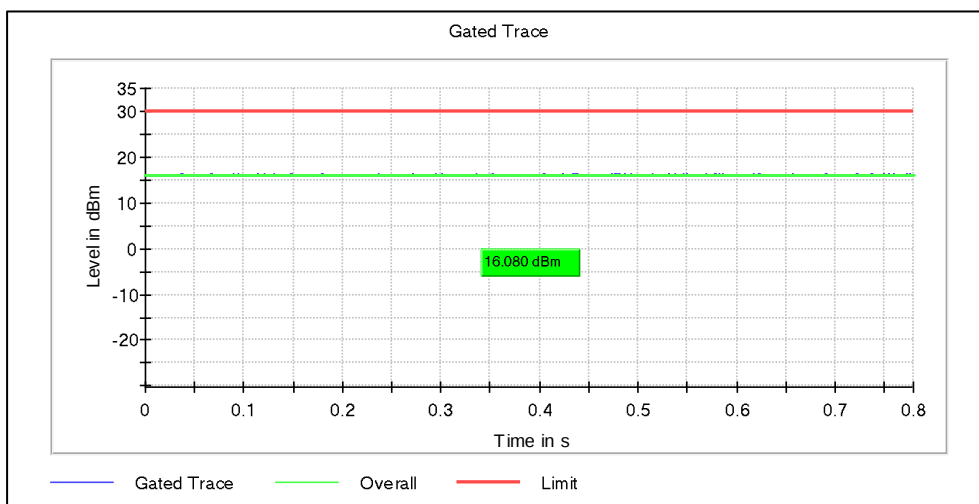
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Data Rate: MCS4

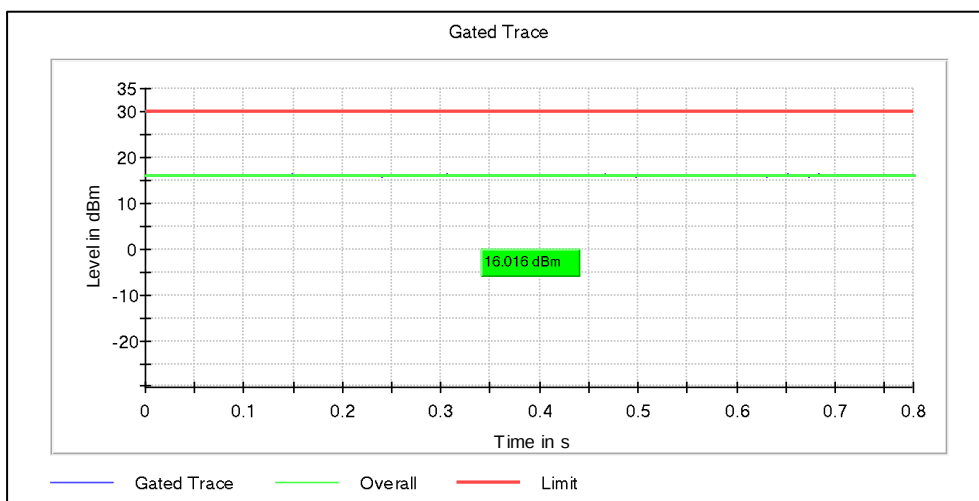
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



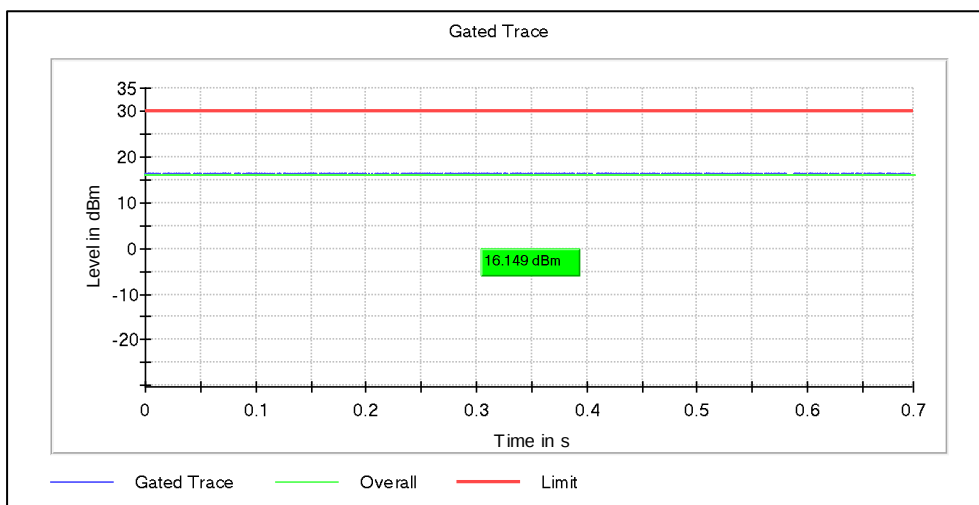
Test Plots

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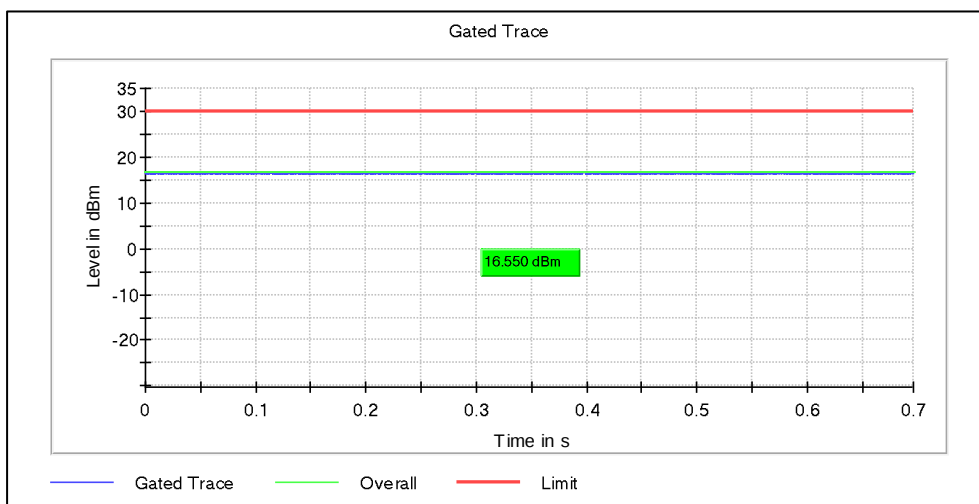
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Data Rate: MCS7

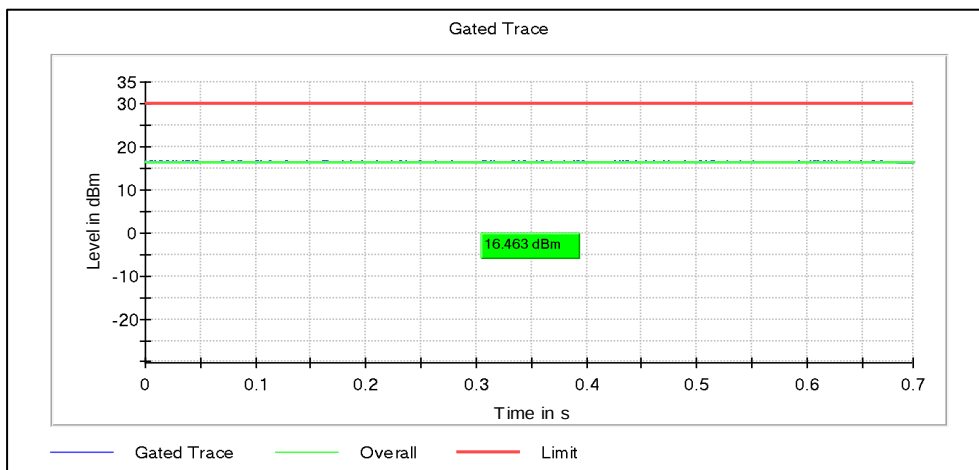
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

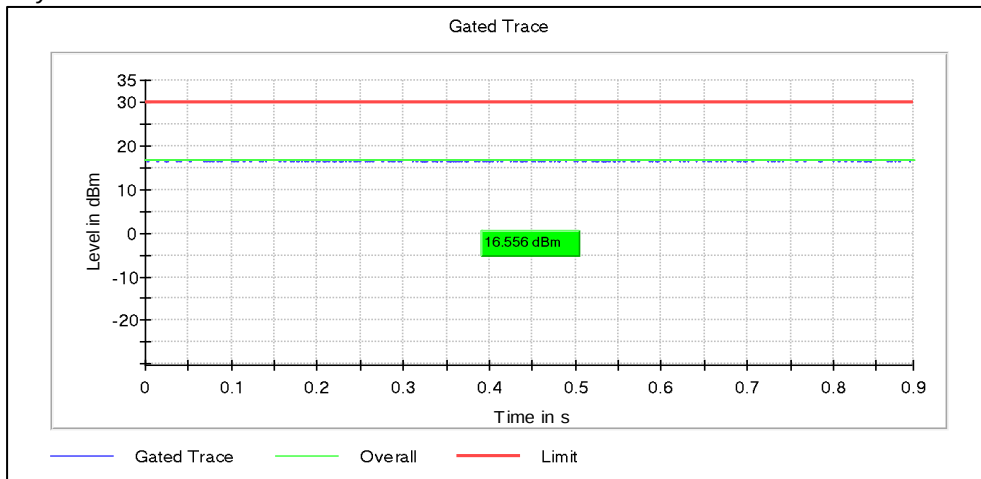
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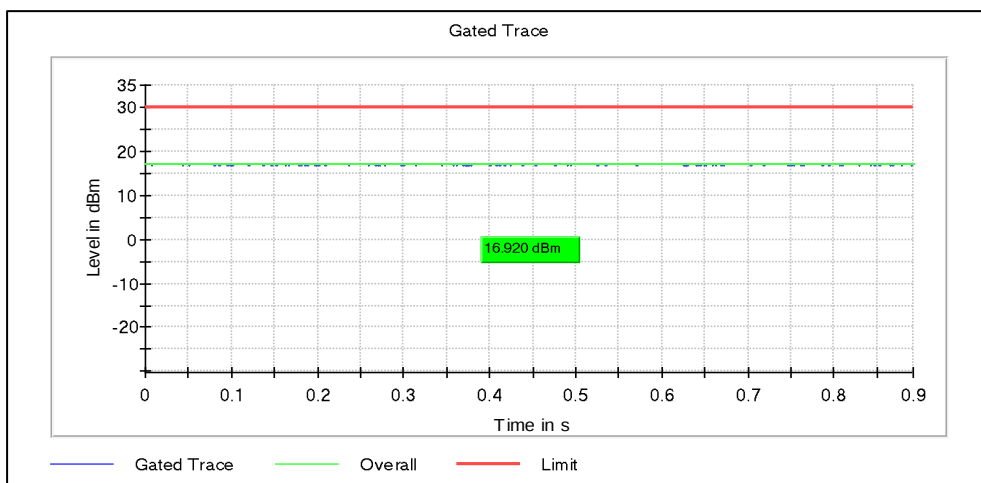
Modulation: 802.11ax HE20

Data Rate: MCS0

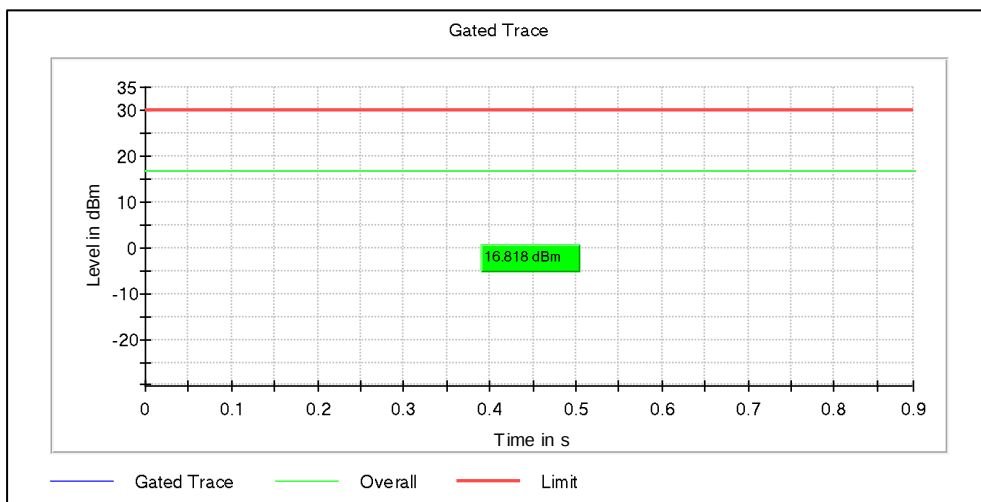
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



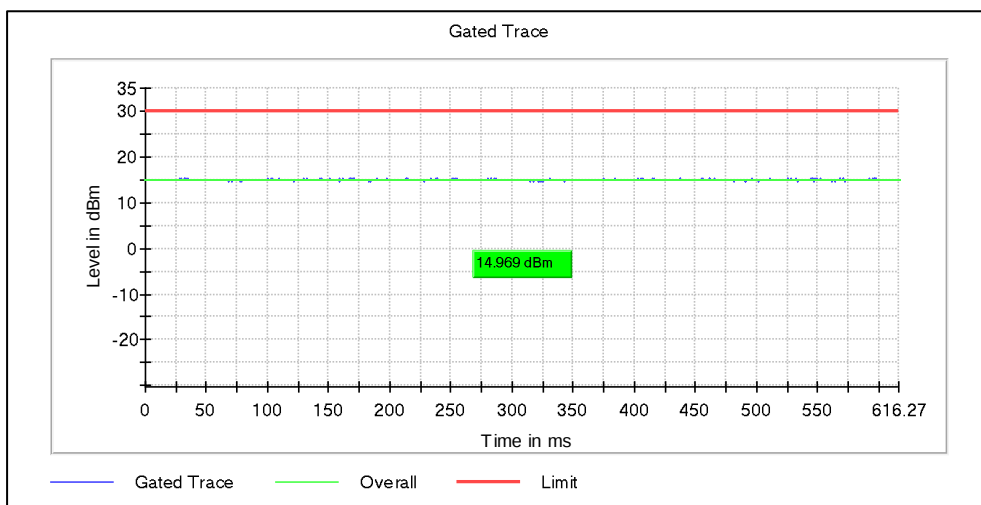
Test Plots

IN239C07 001

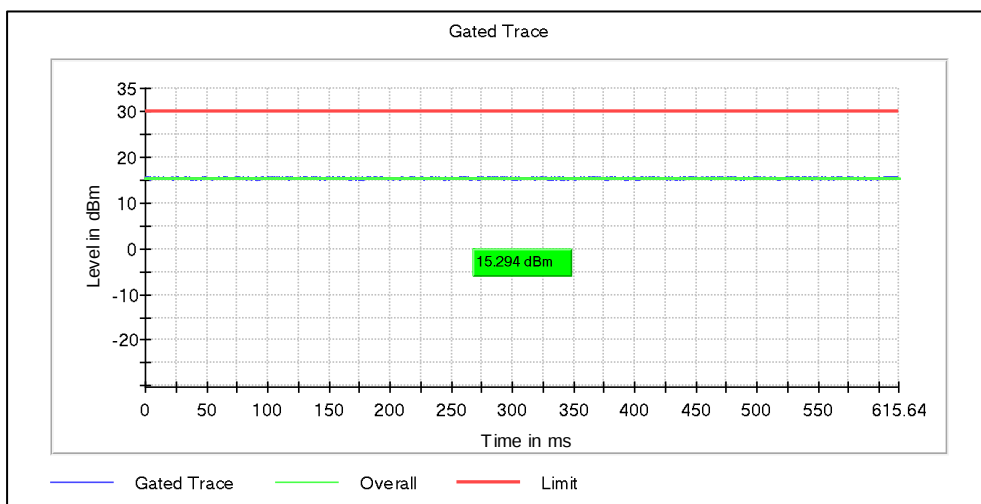
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Data Rate: MCS5

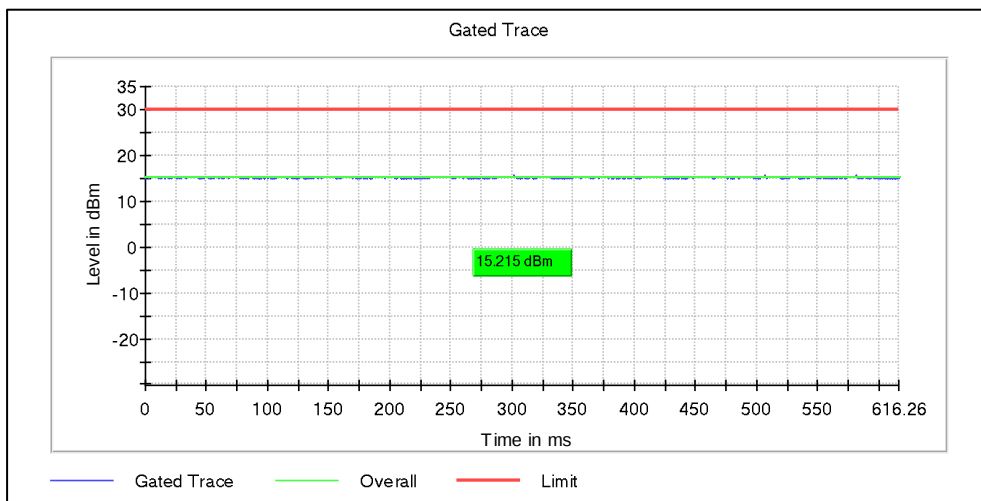
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

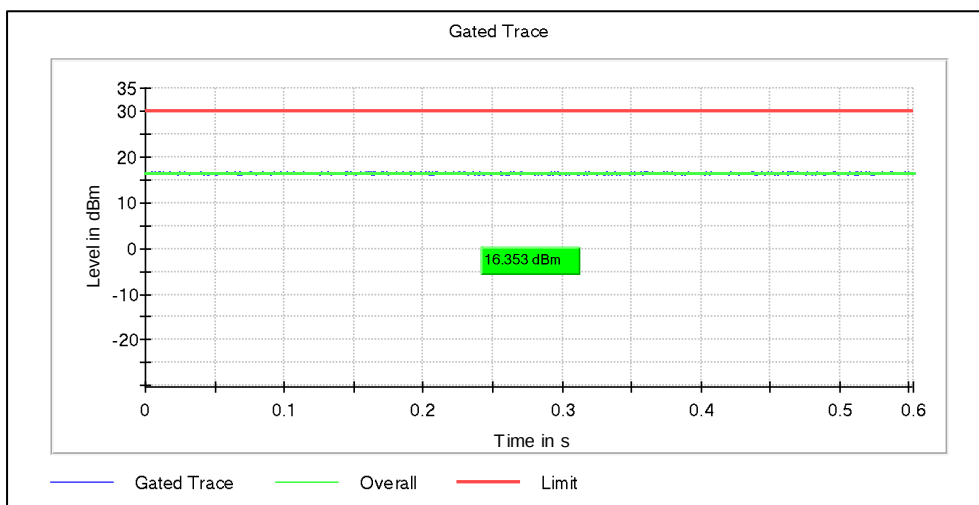
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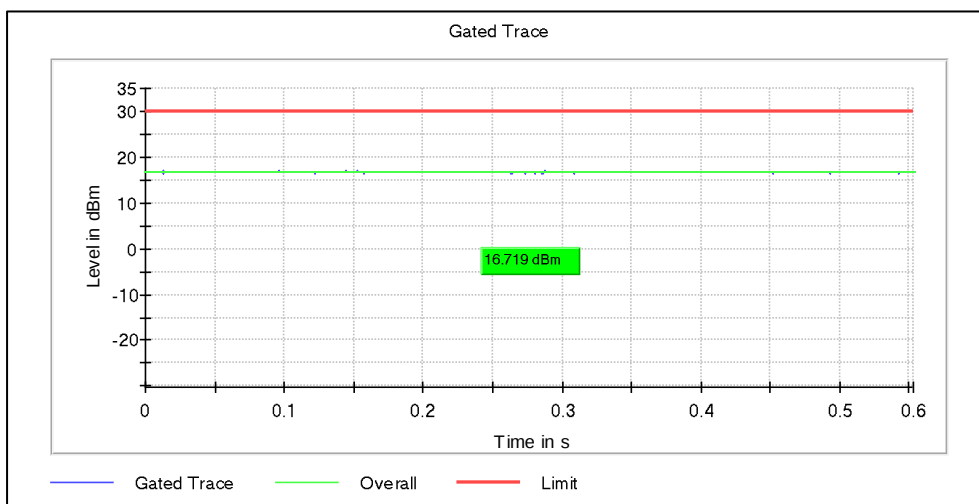
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Data Rate: MCS9

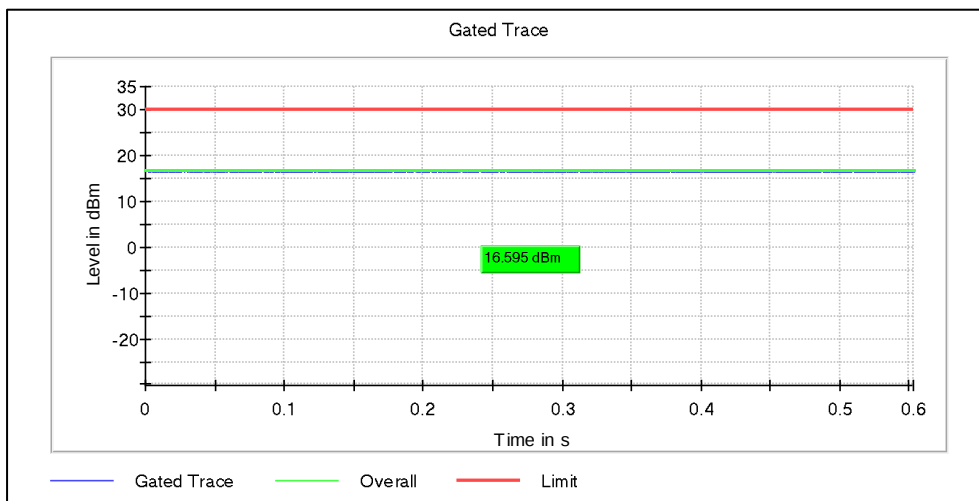
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz

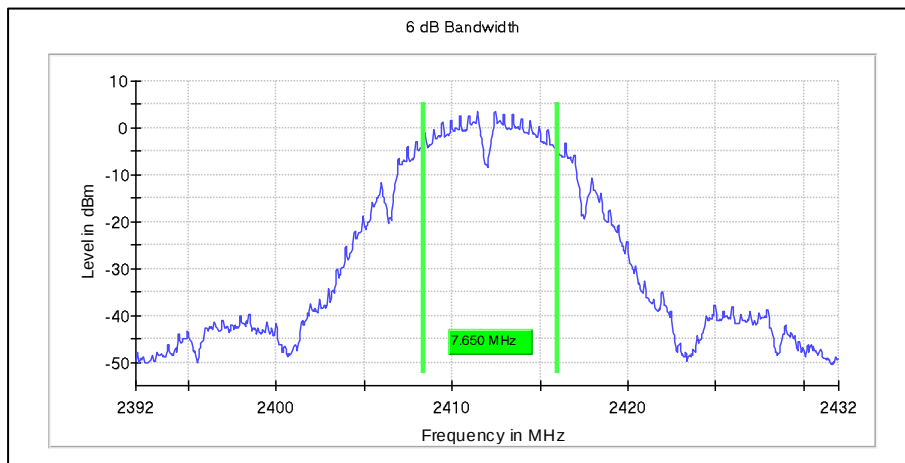


2.2 DTS Bandwidth

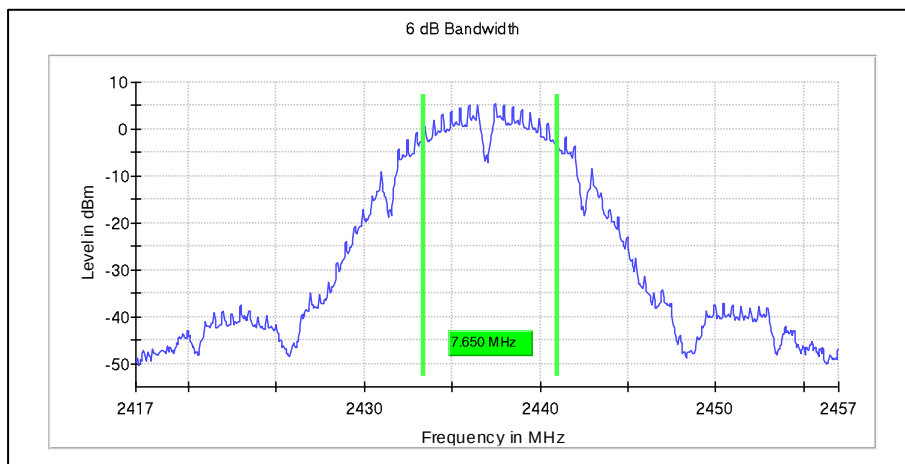
Modulation: 802.11b

Data Rate: 1Mbps

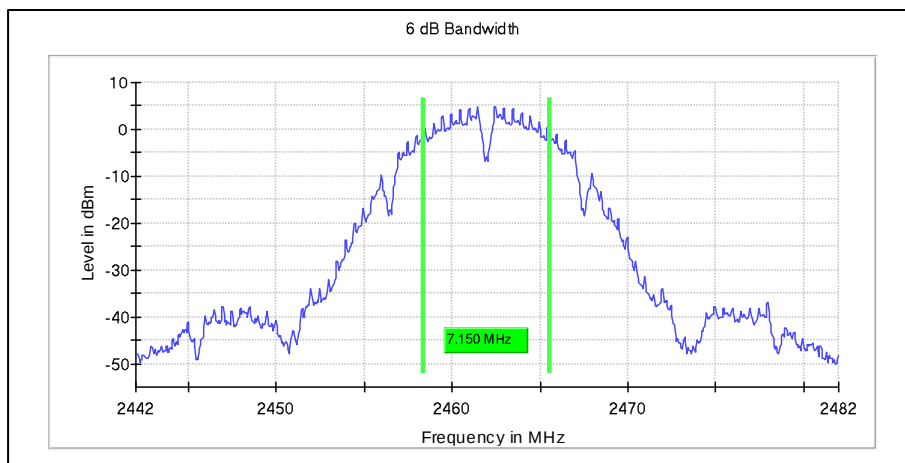
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

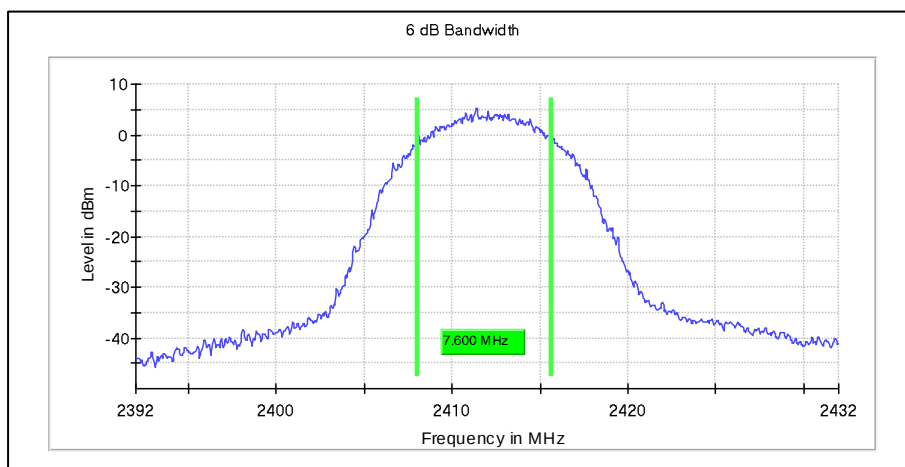
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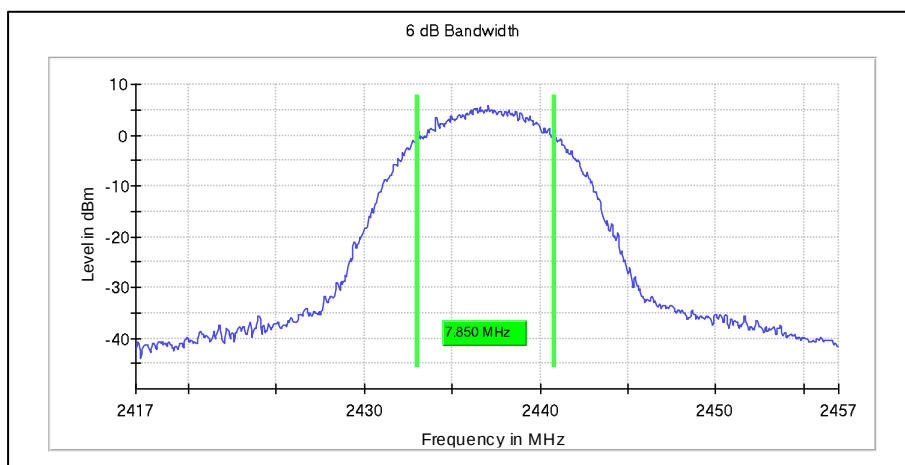
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Data Rate: 11Mbps

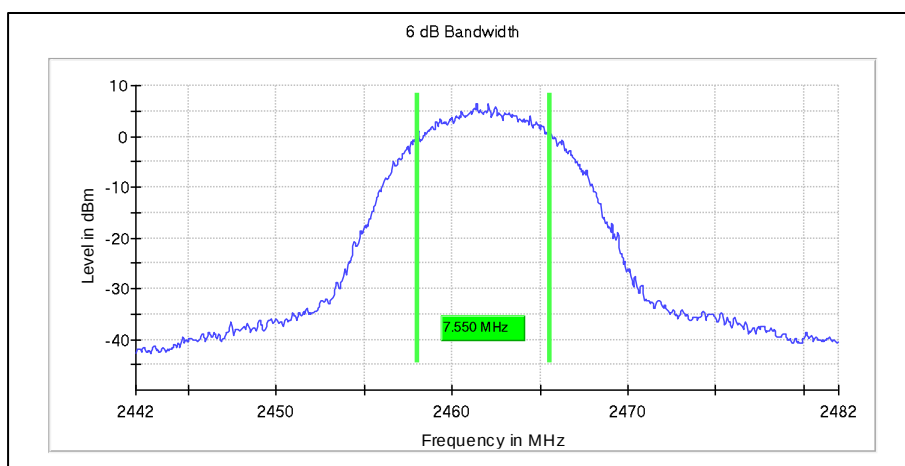
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

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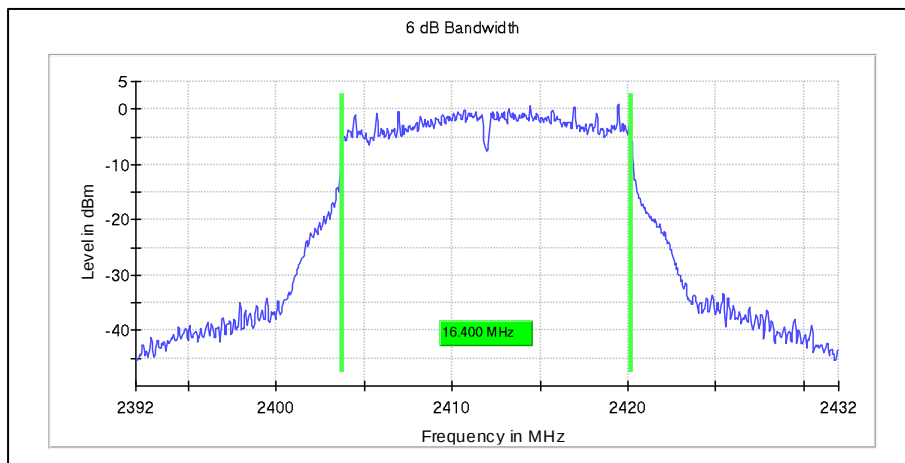
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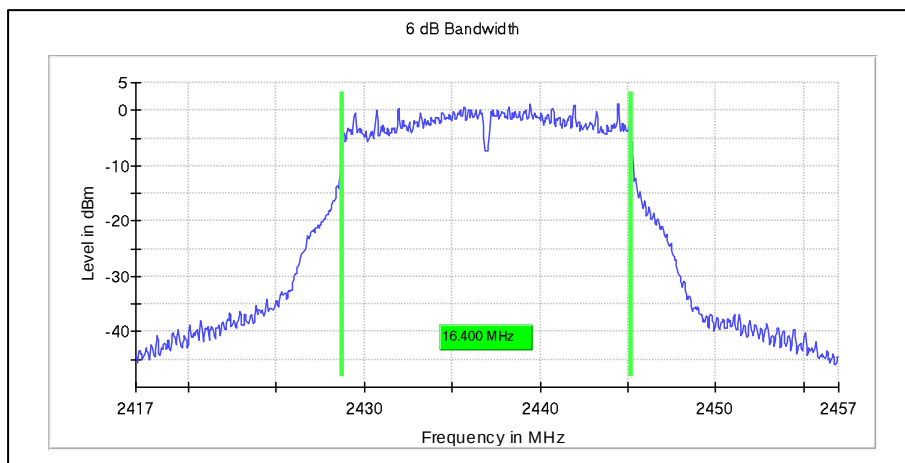
Modulation: 802.11g

Data Rate: 6Mbps

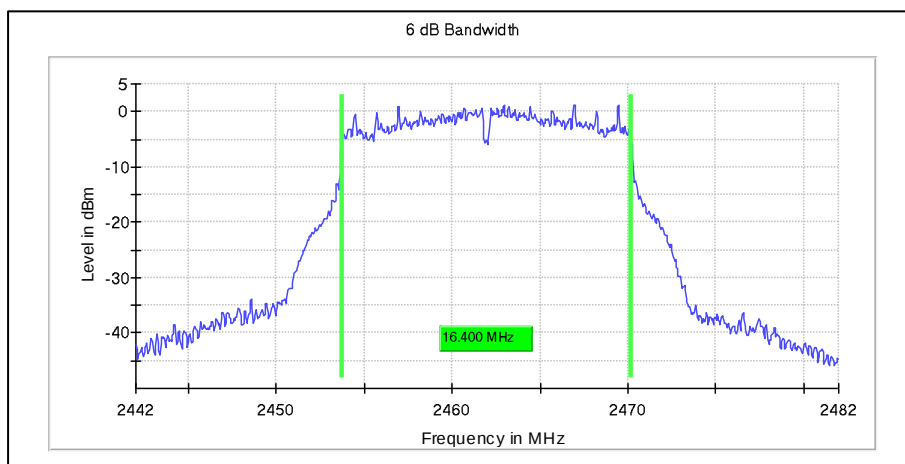
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

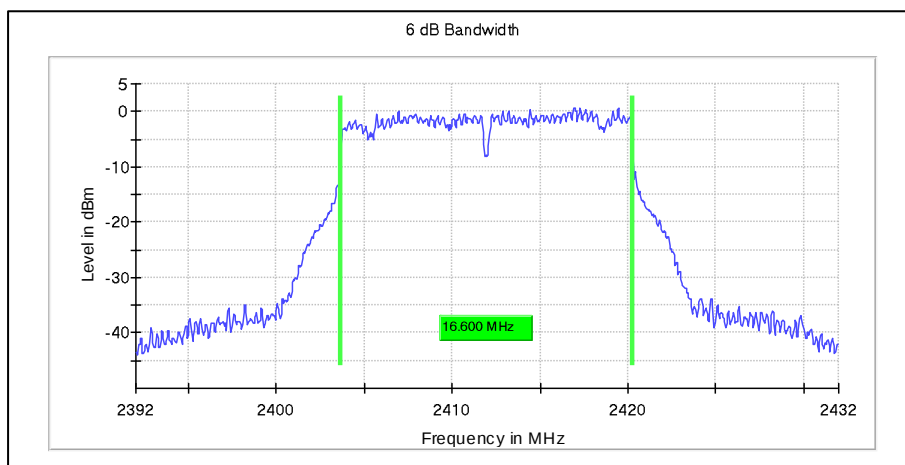
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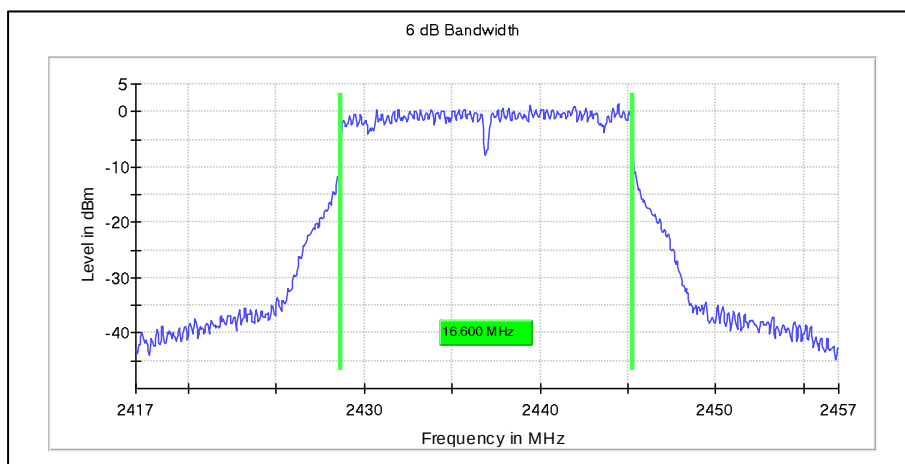
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Data Rate: 24Mbps

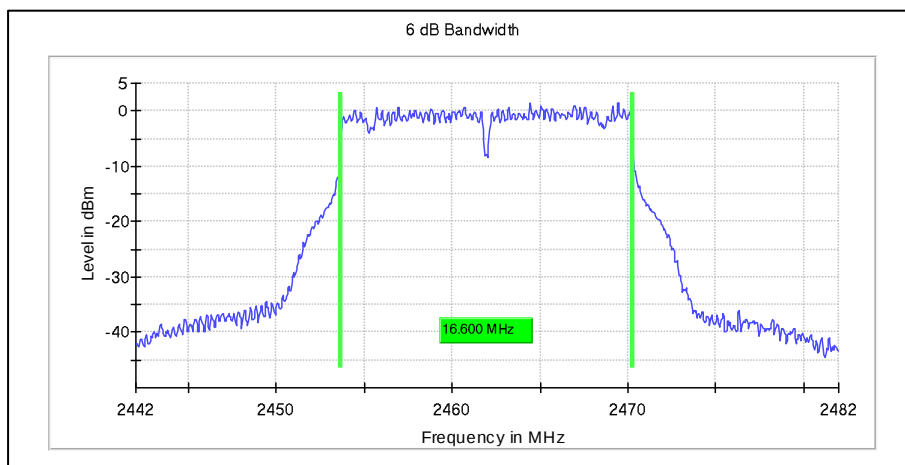
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

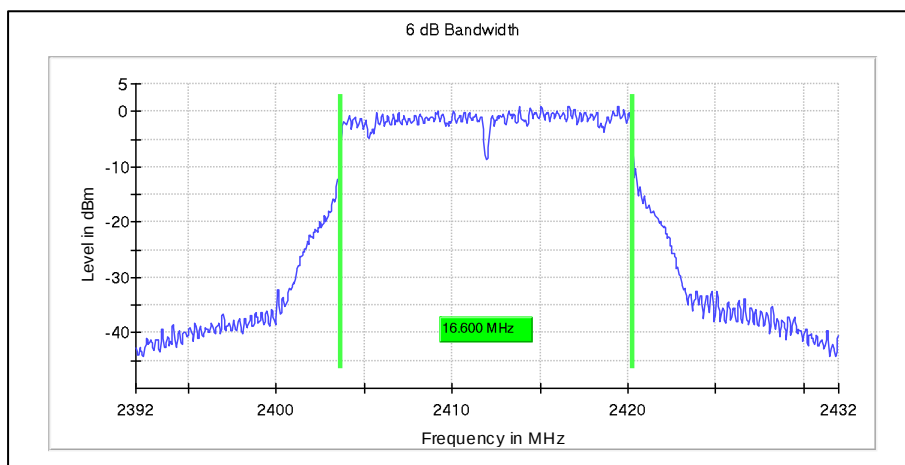
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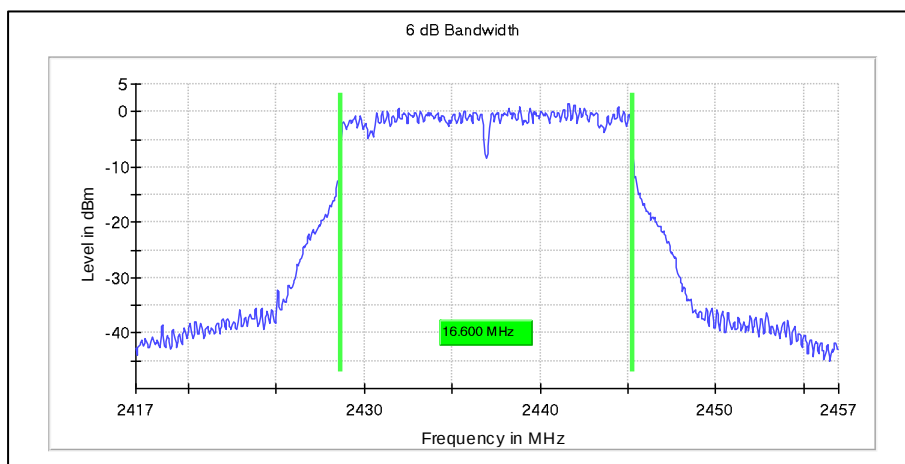
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Data Rate: 54Mbps

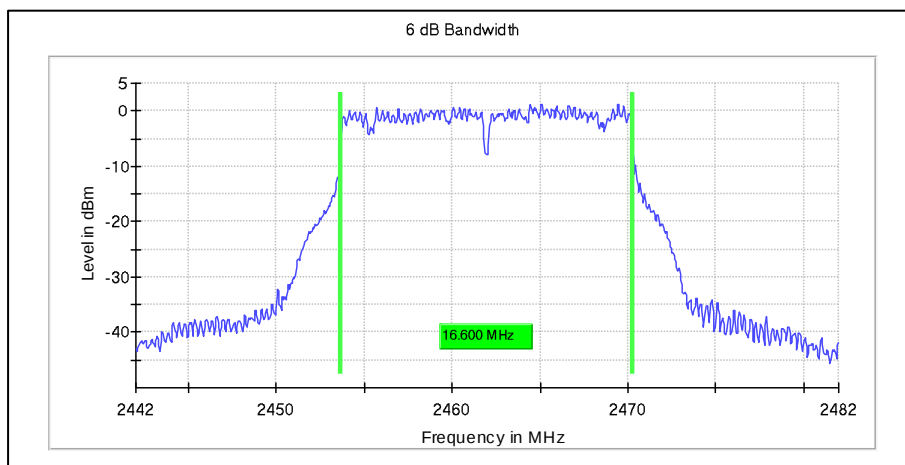
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

IN239C07 001

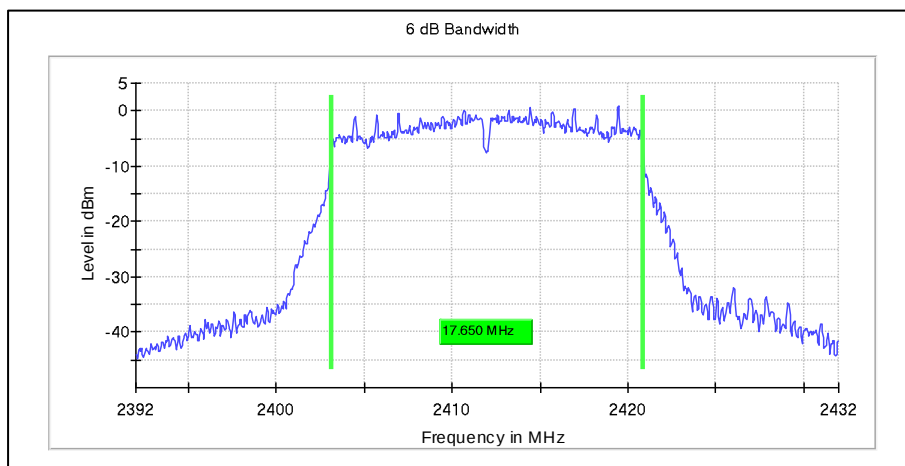
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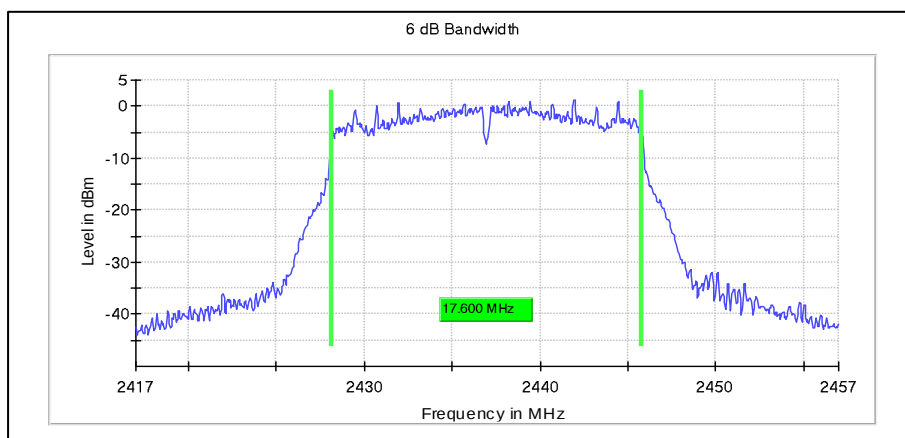
Modulation: 802.11n HT20

Data Rate: MCS0

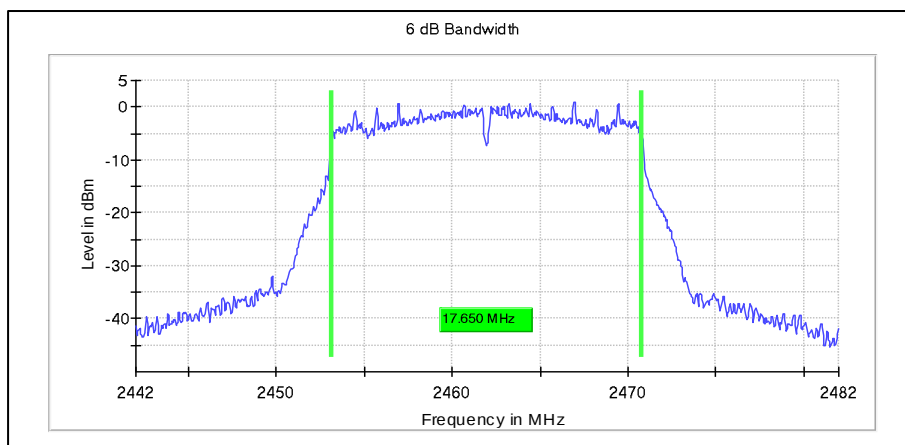
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

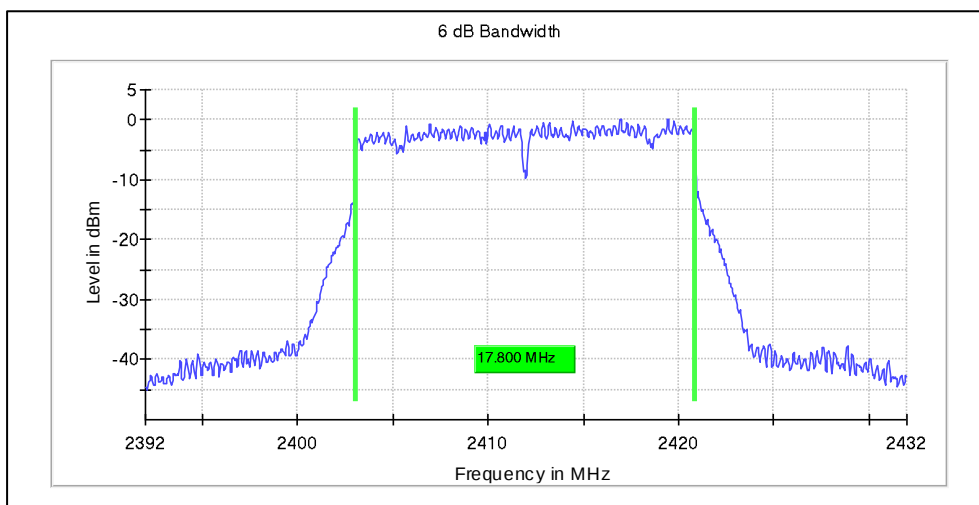
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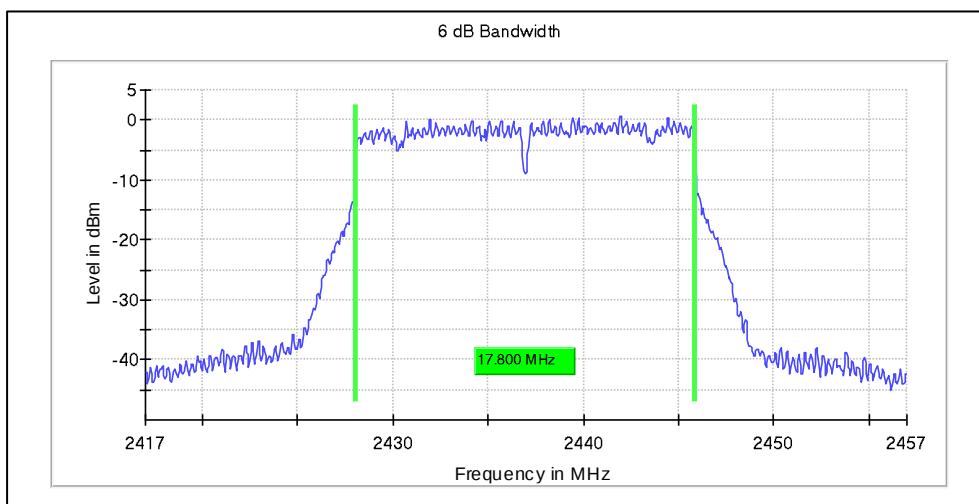
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Data Rate: MCS4

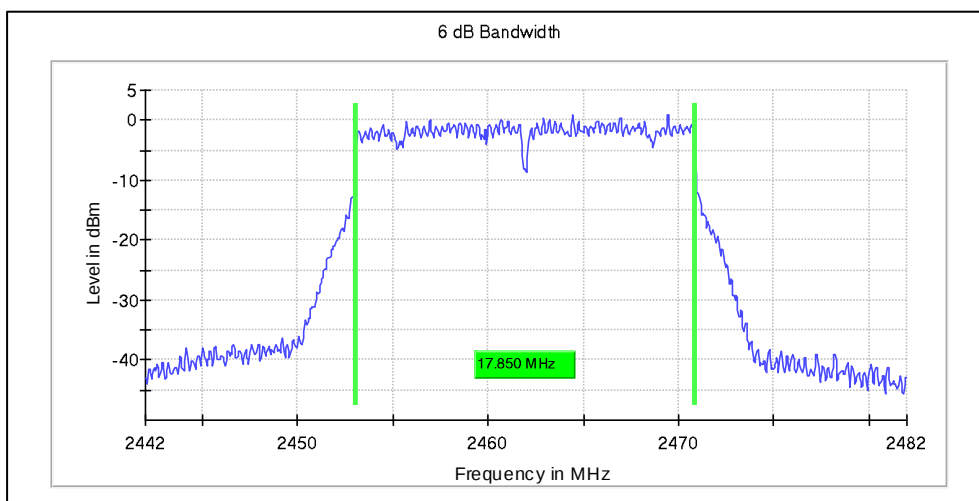
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

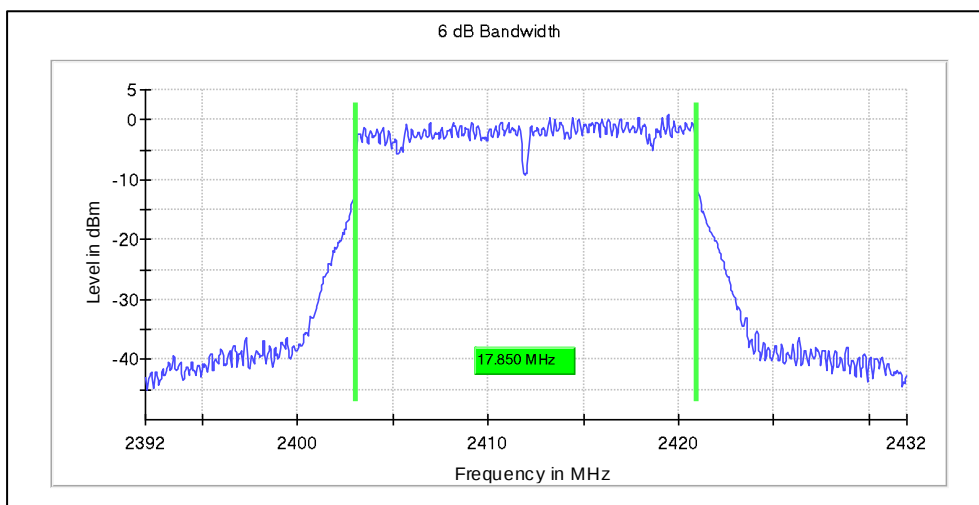
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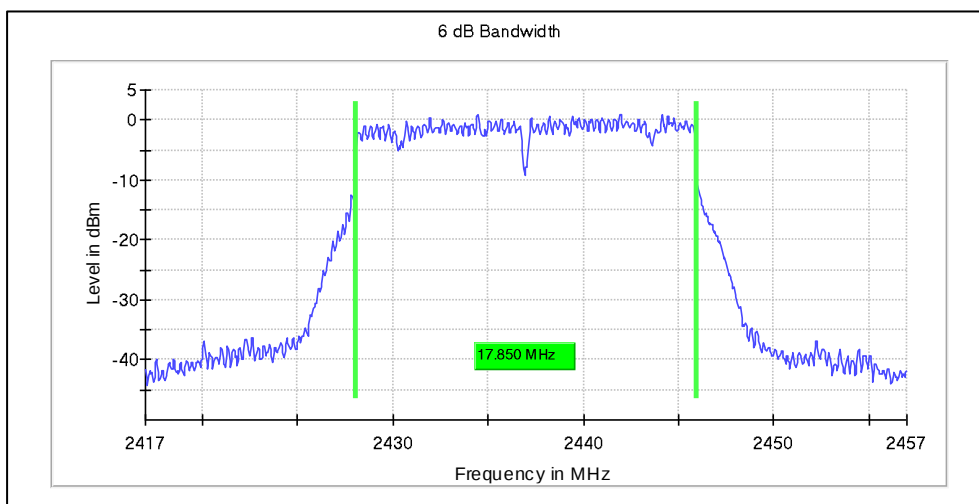
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Data Rate: MCS7

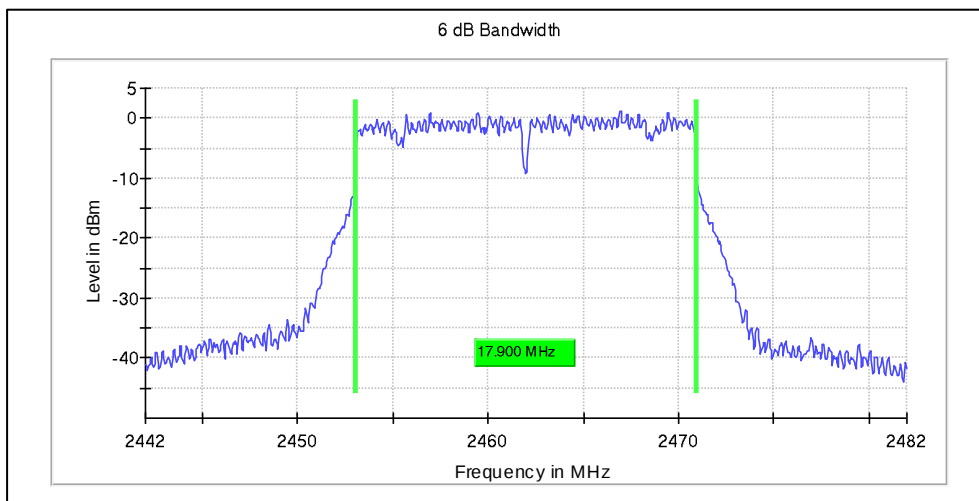
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

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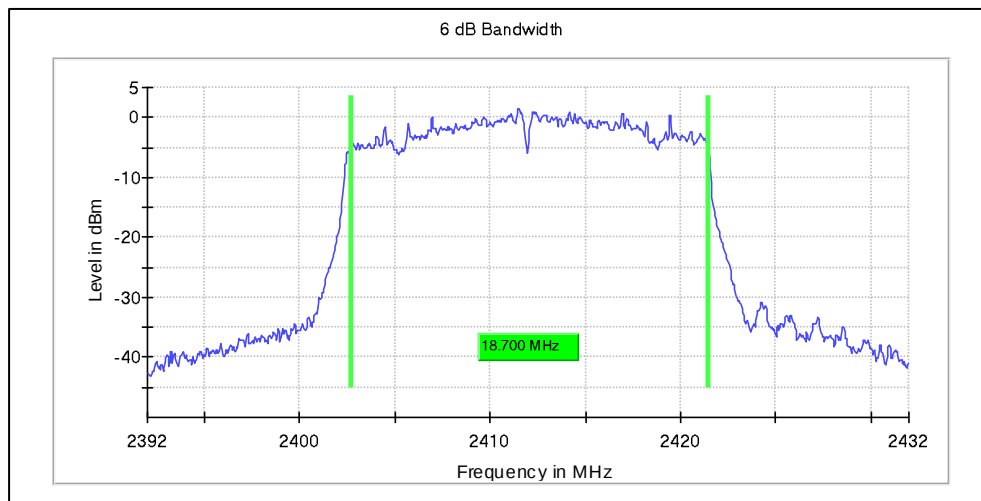
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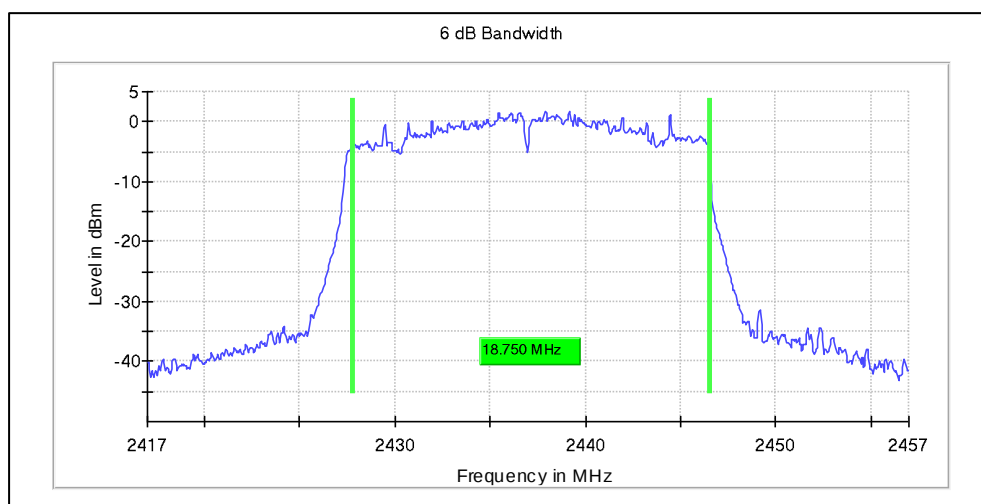
Modulation: 802.11ax HE20

Data Rate: MCS0

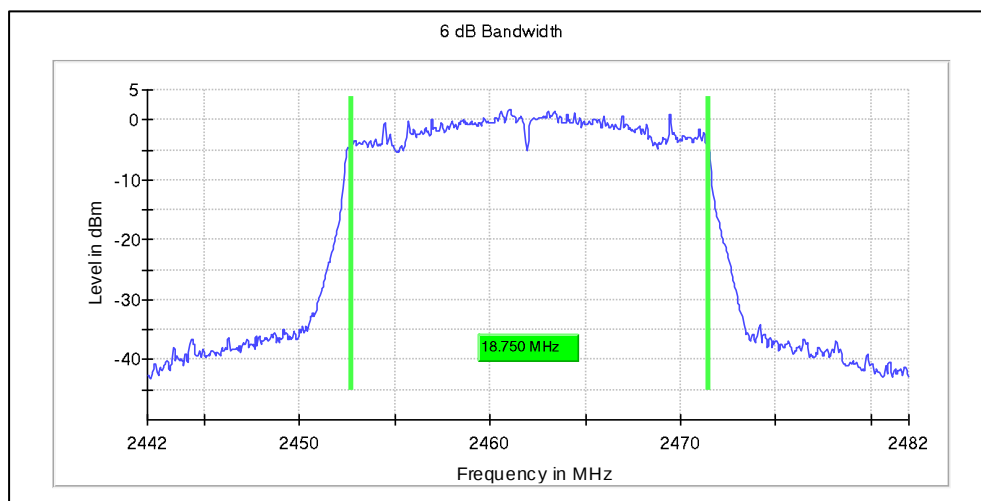
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

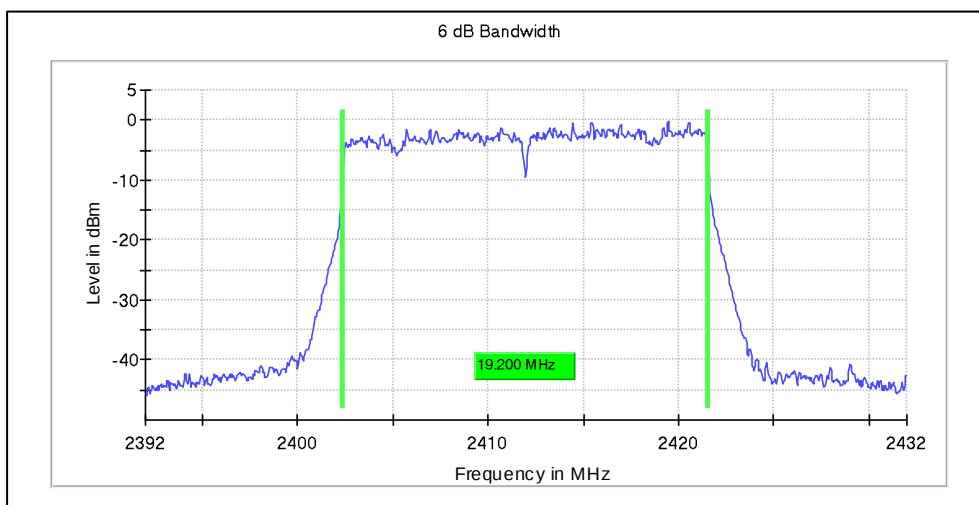
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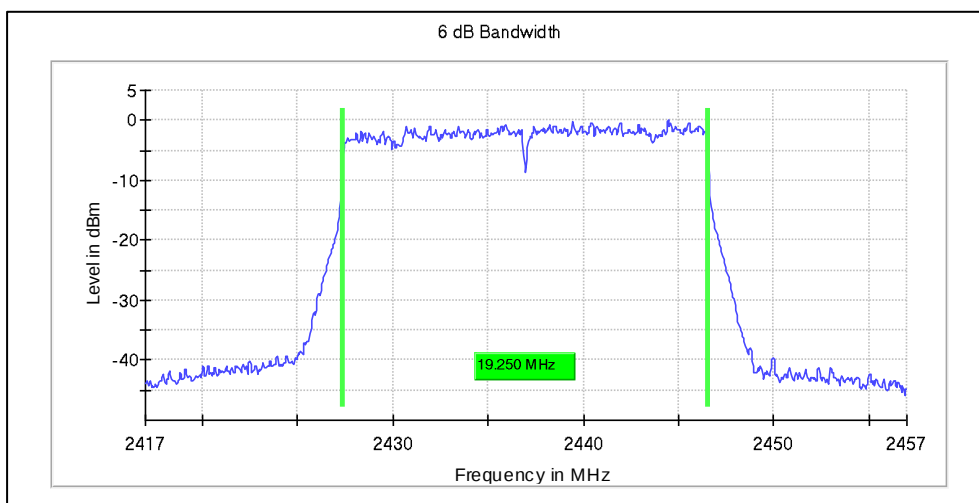
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Data Rate: MCS5

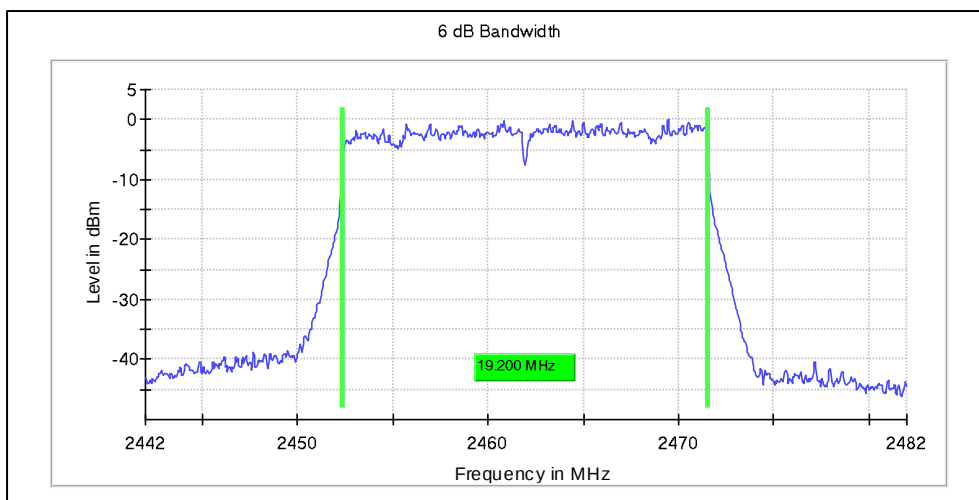
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

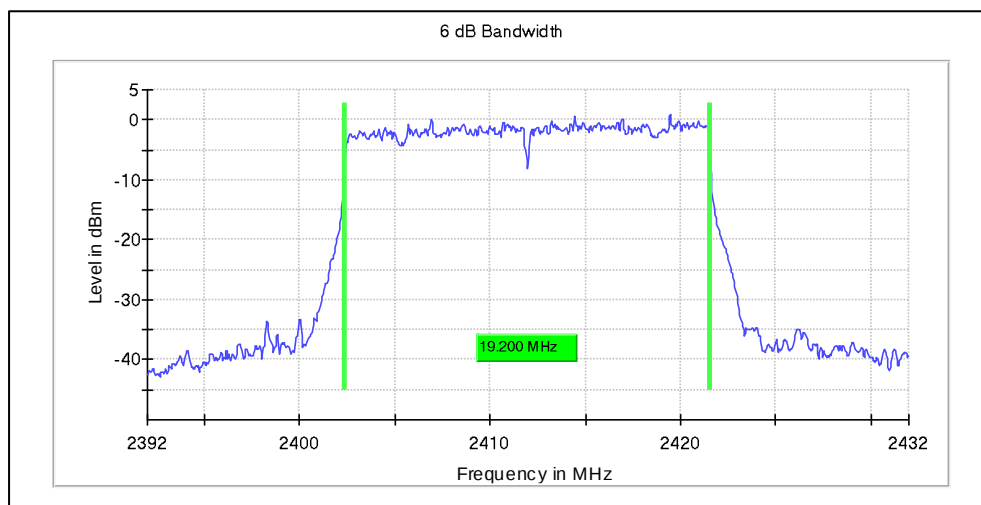
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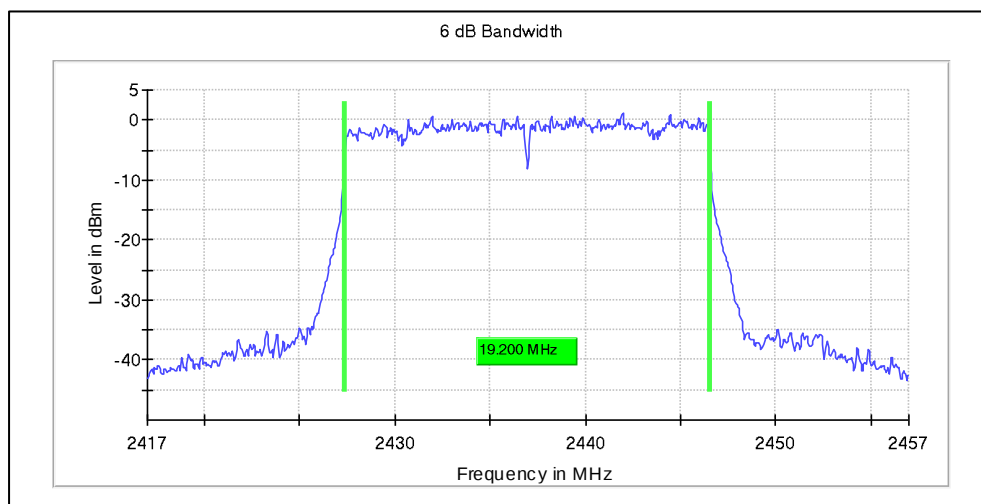
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Data Rate: MCS9

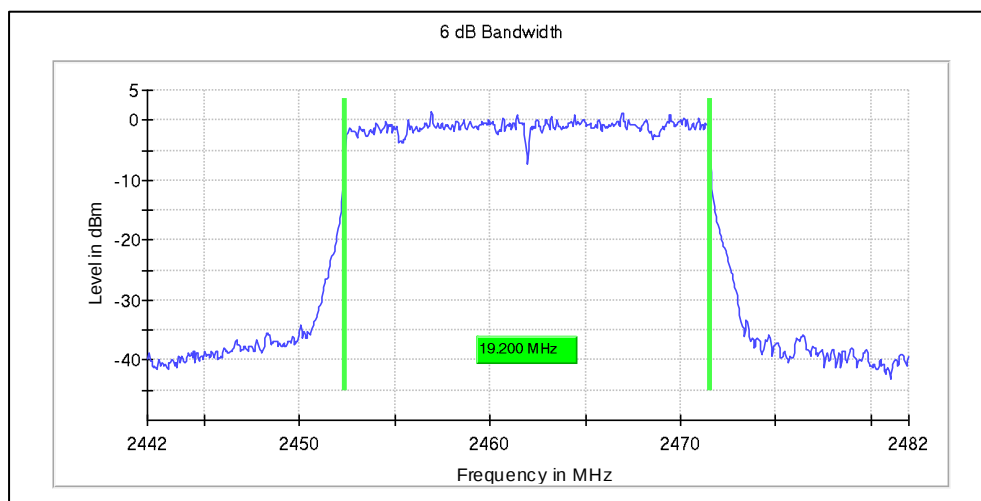
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz

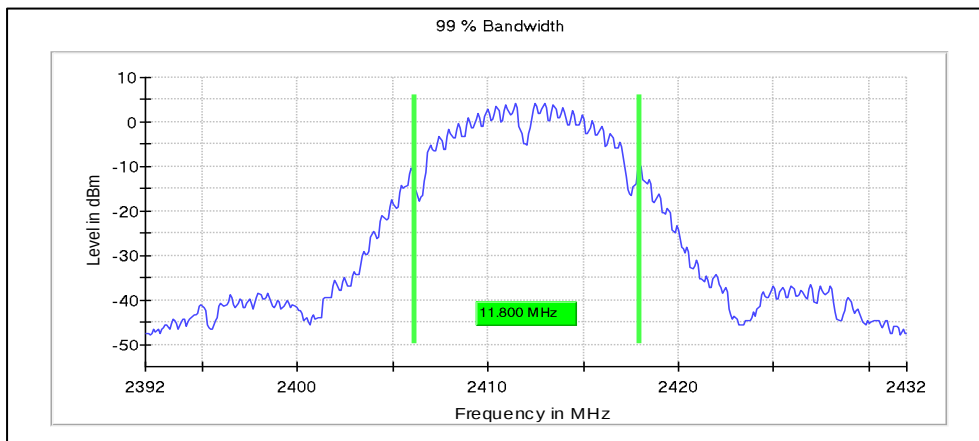


2.3 Occupied Channel Bandwidth

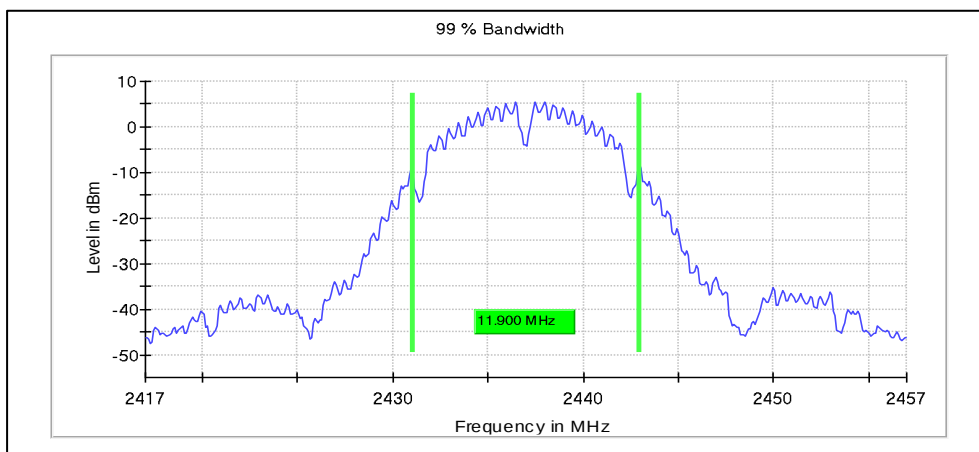
Modulation: 802.11b

Data Rate: 1Mbps

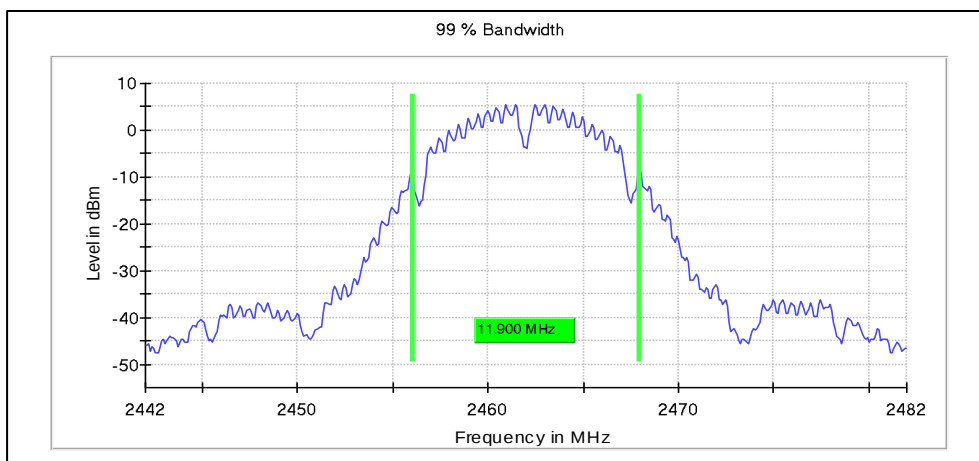
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

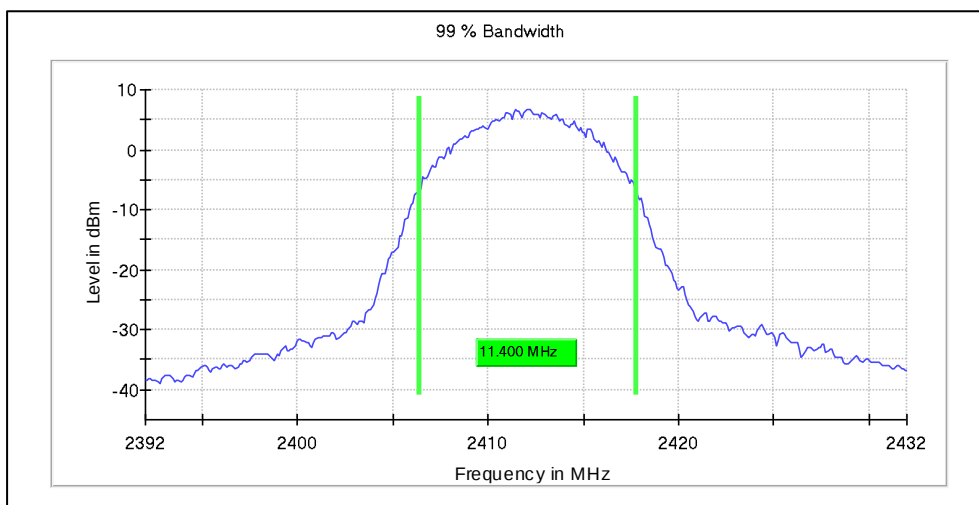
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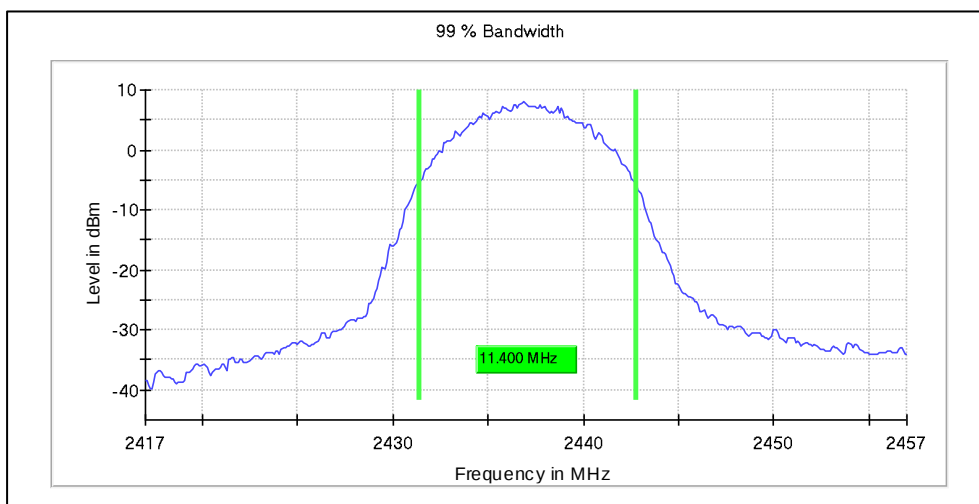
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Data Rate: 11Mbps

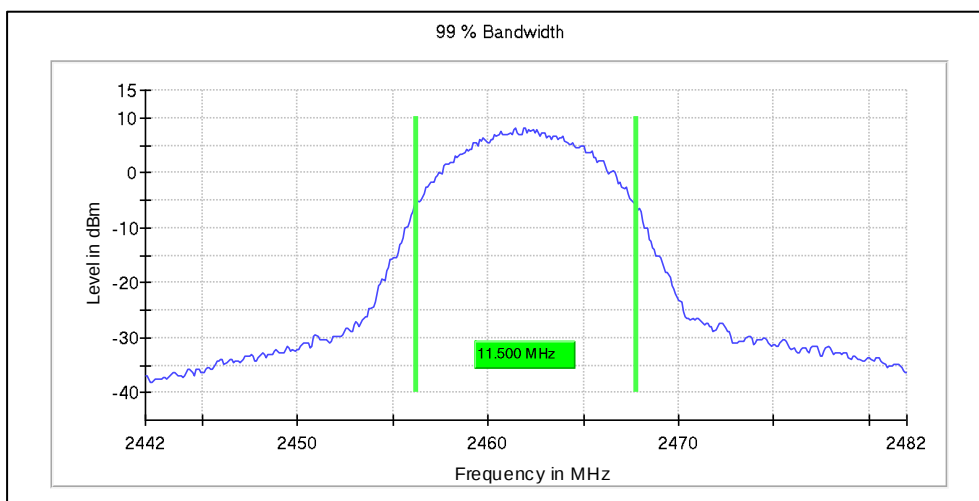
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

IN239C07 001

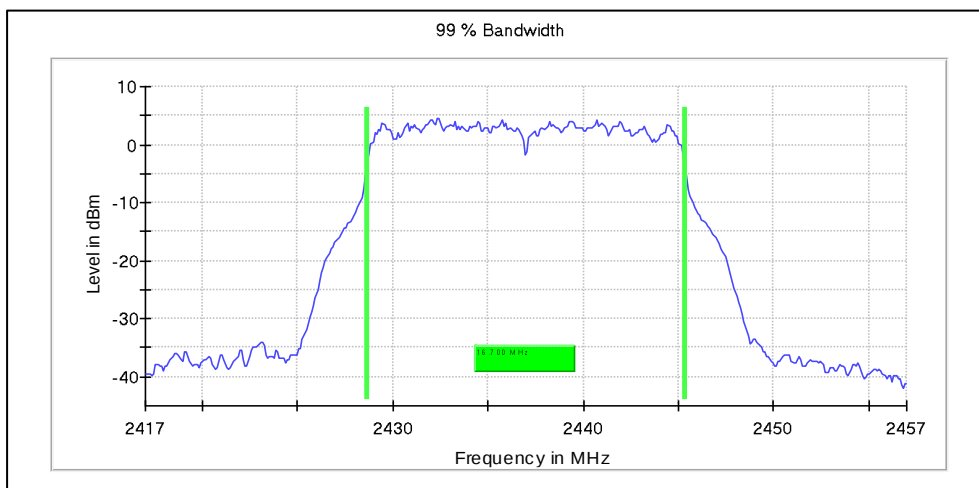
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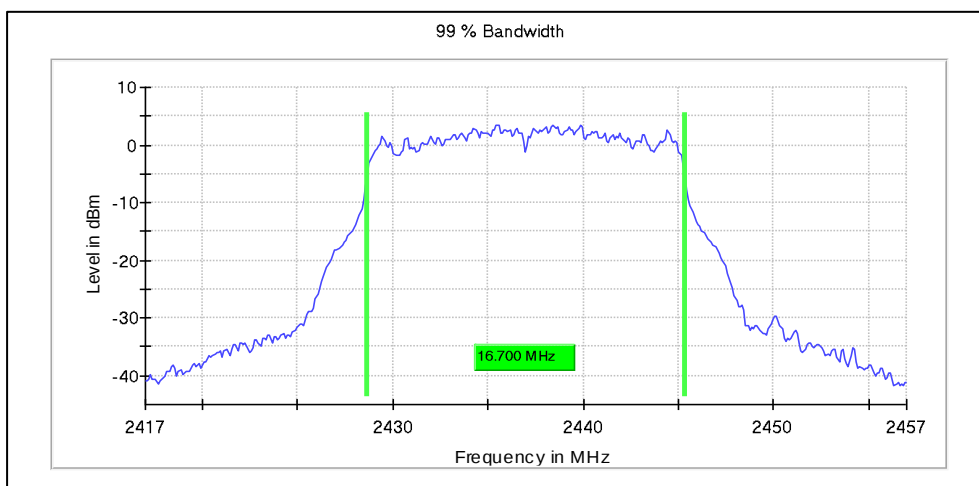
Modulation: 802.11g

Data Rate: 6Mbps

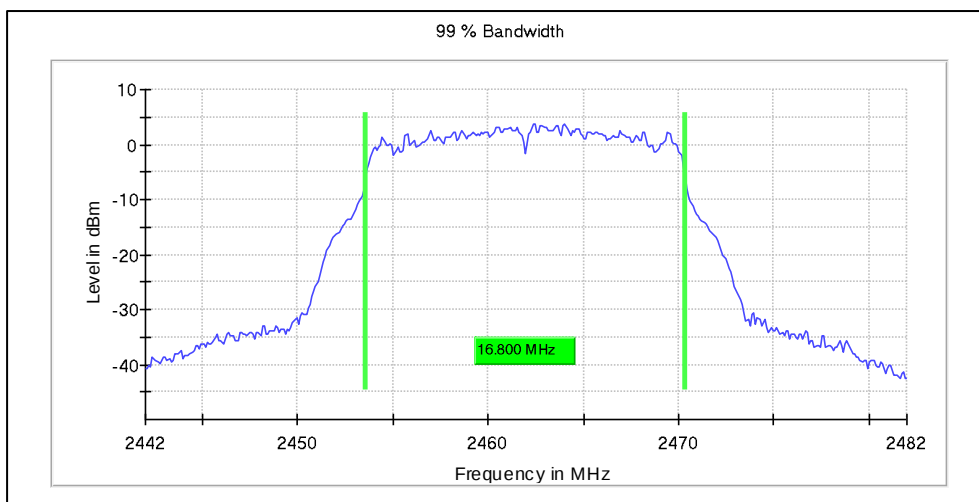
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

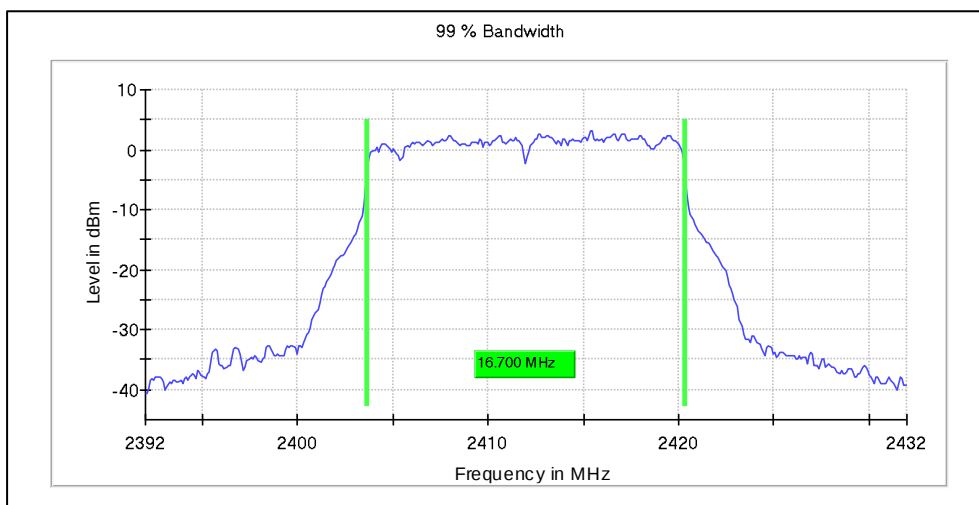
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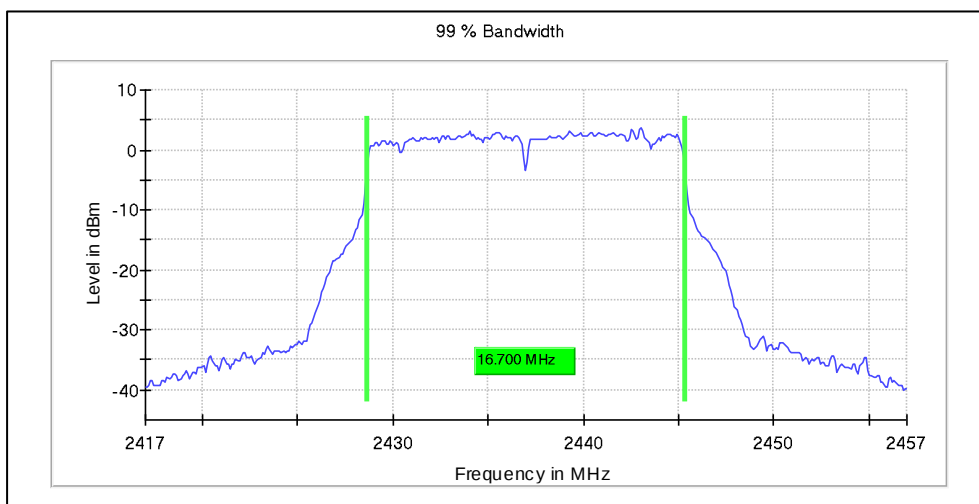
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Data Rate: 24Mbps

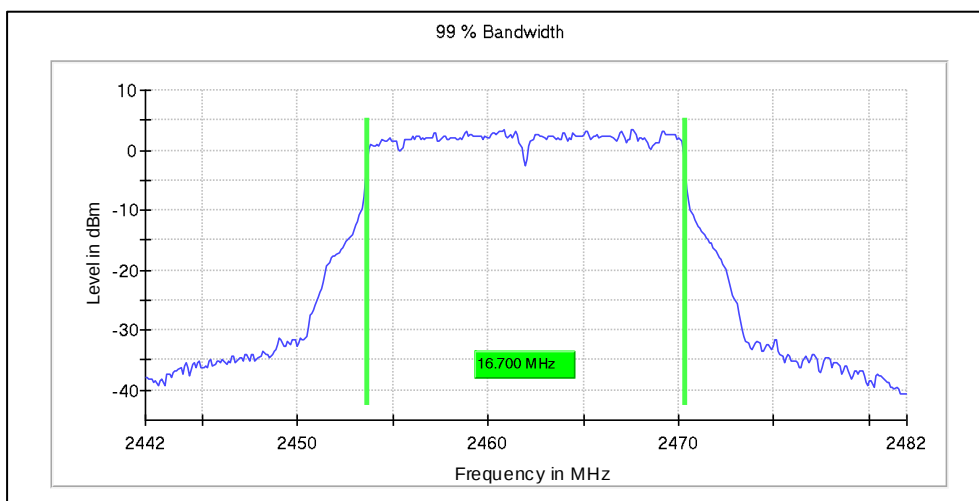
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

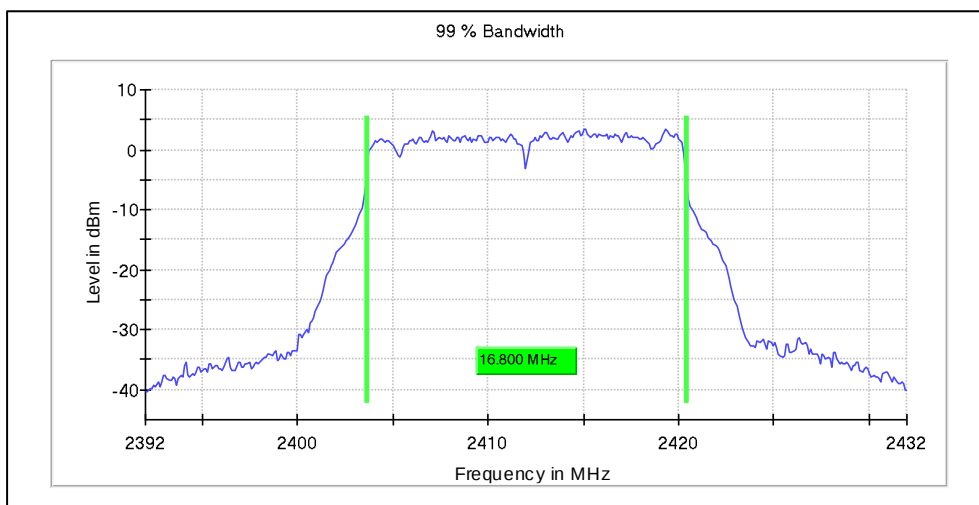
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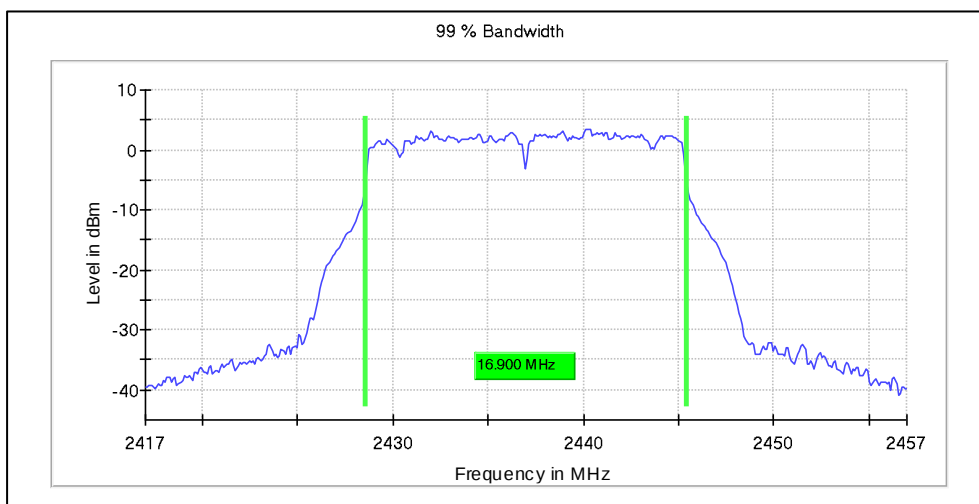
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Data Rate: 54Mbps

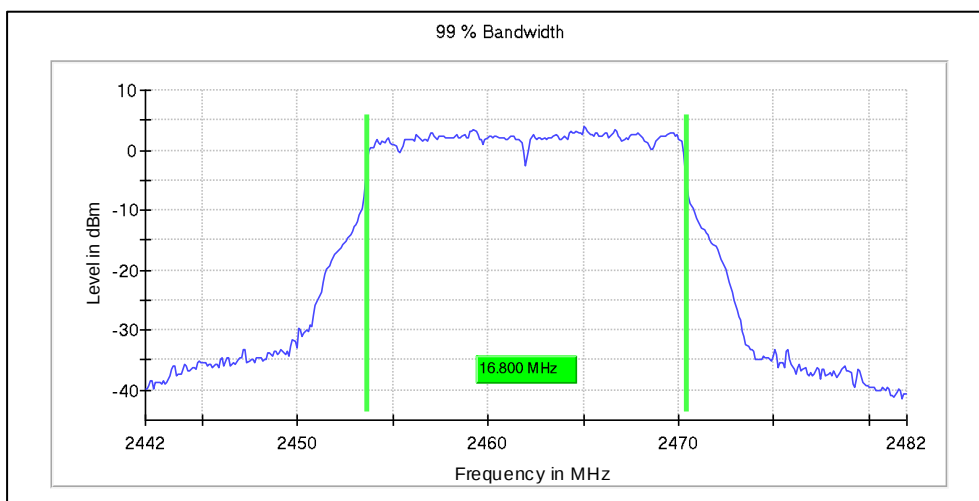
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

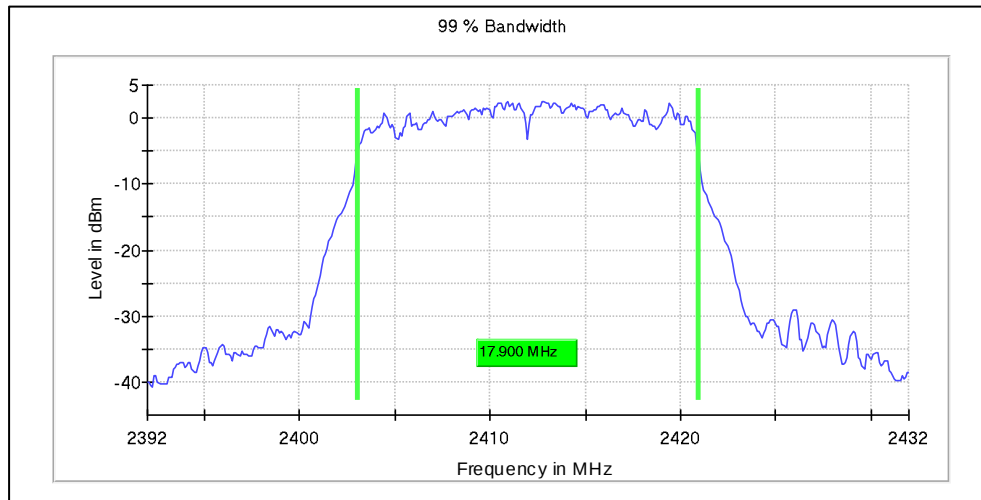
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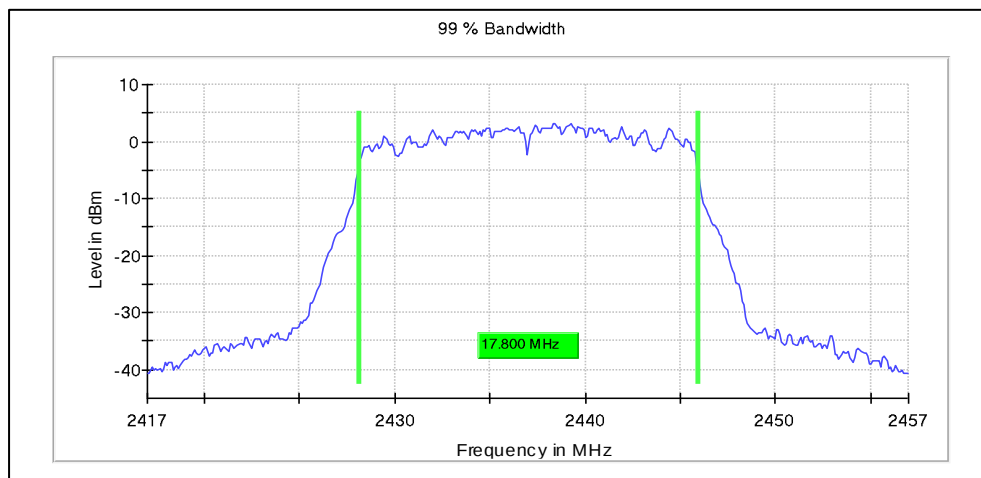
Modulation: 802.11n HT20

Data Rate: MCS0

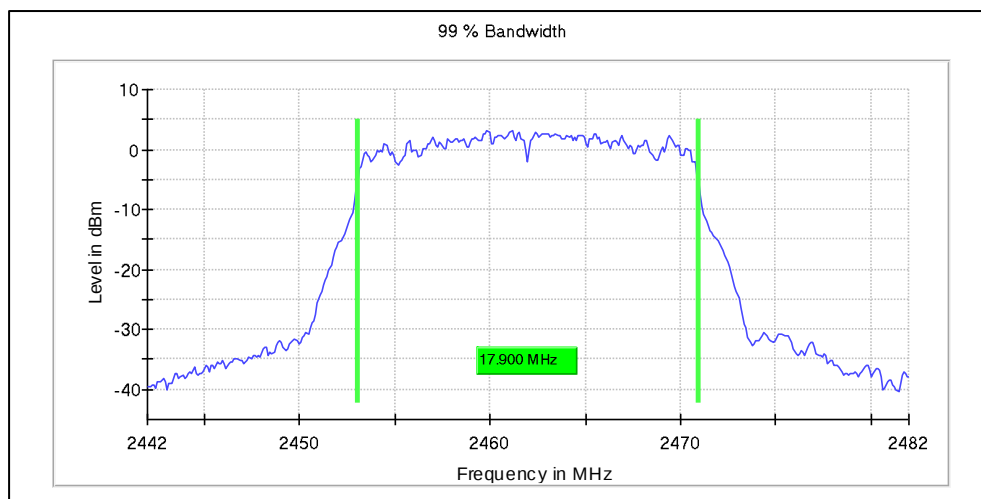
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

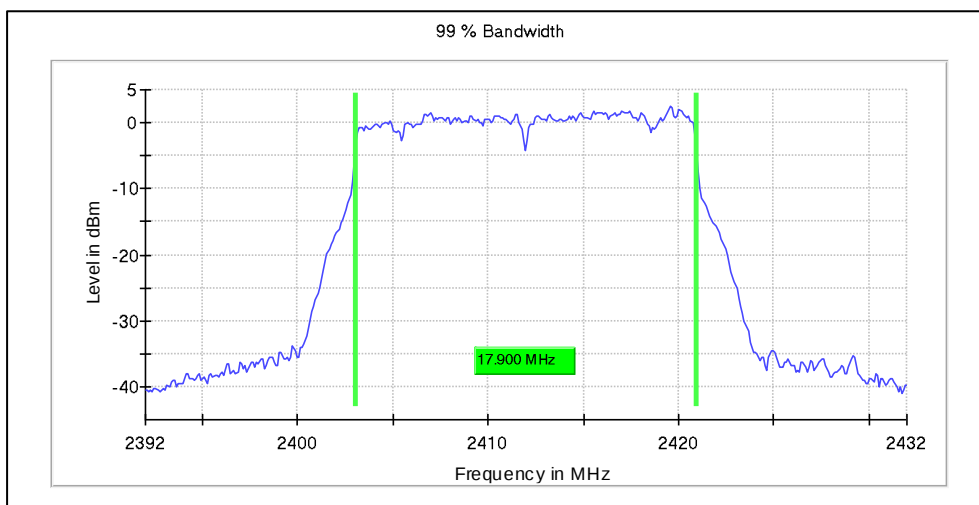
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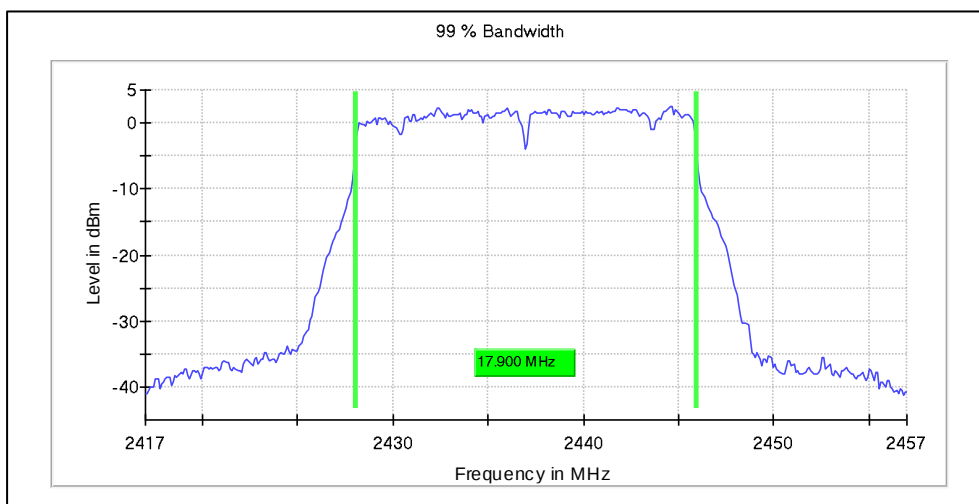
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Data Rate: MCS4

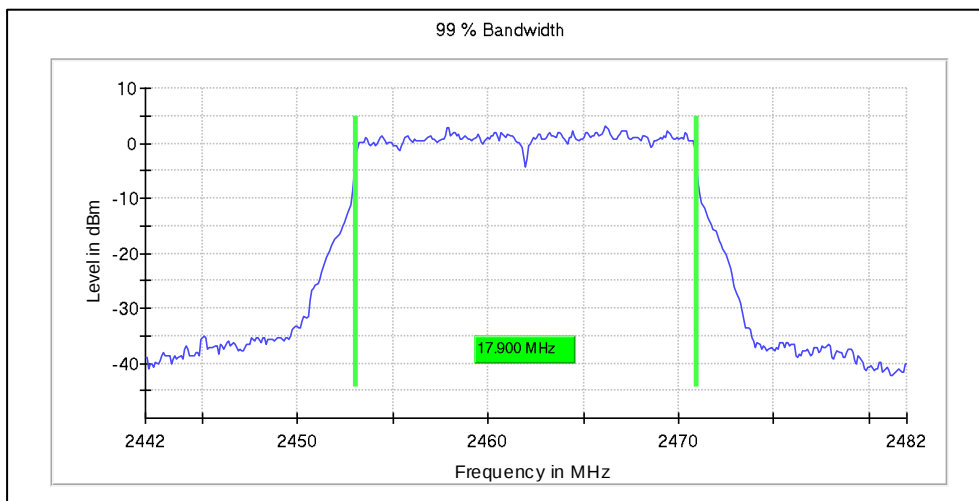
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



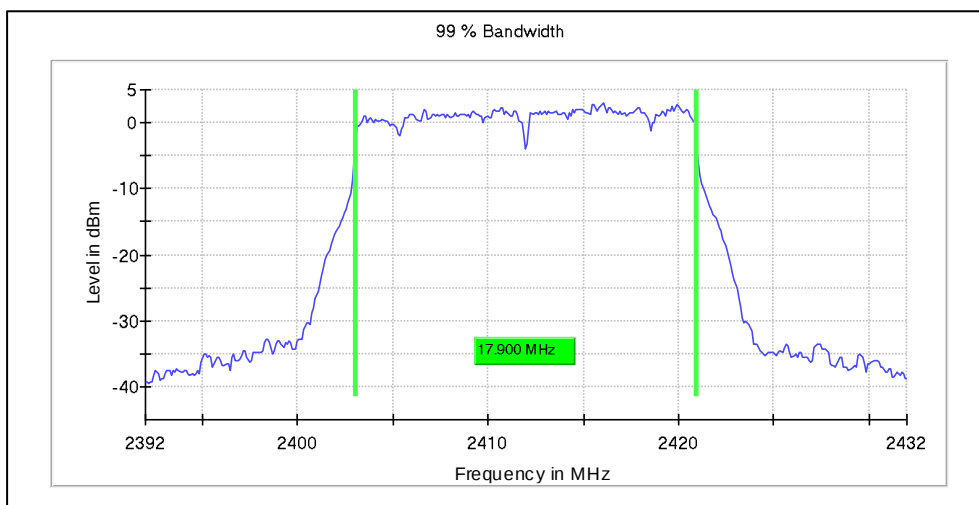
Test Plots

IN239C07 001

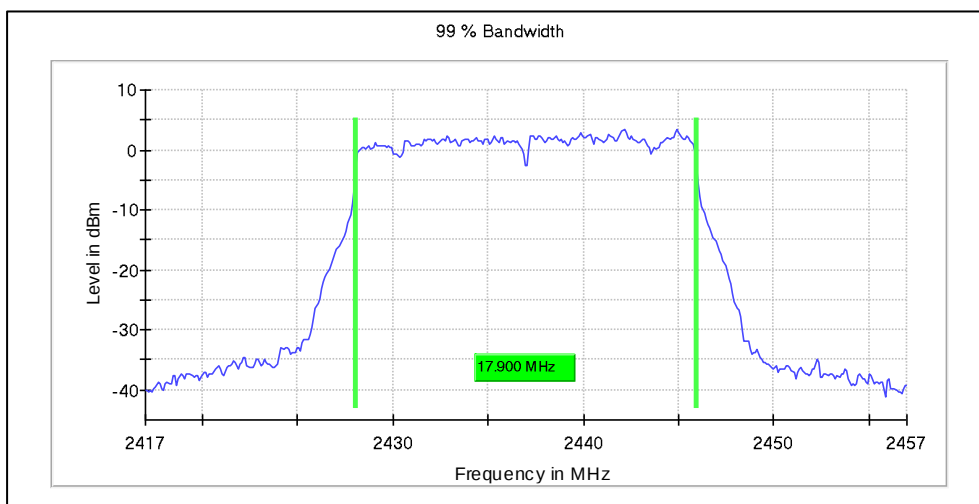
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Data Rate: MCS7

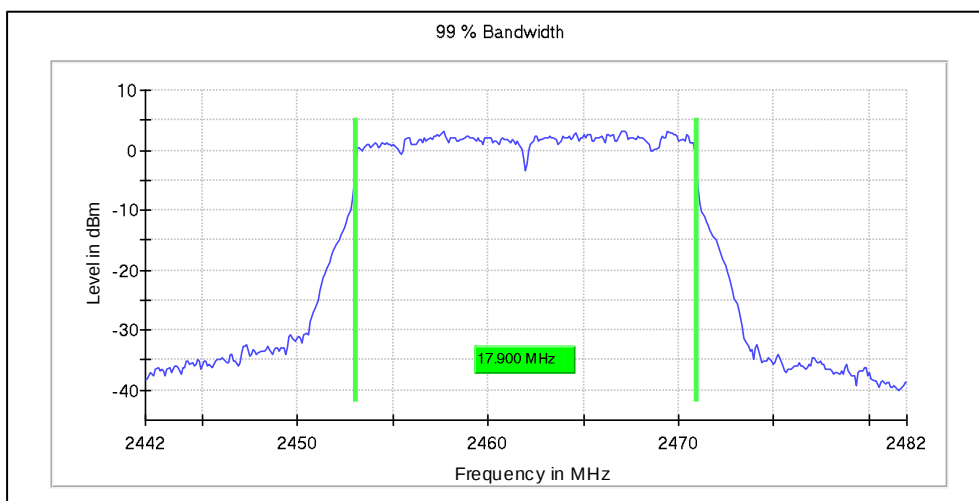
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

IN239C07 001

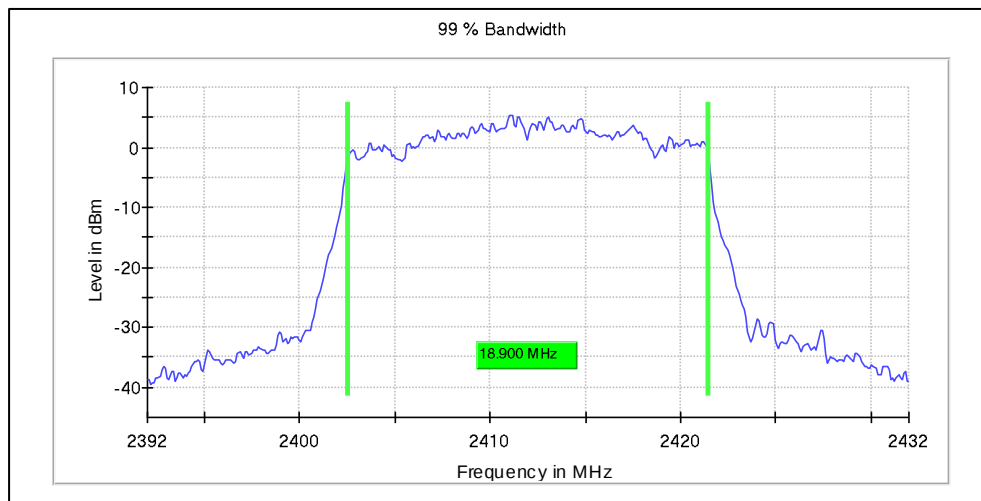
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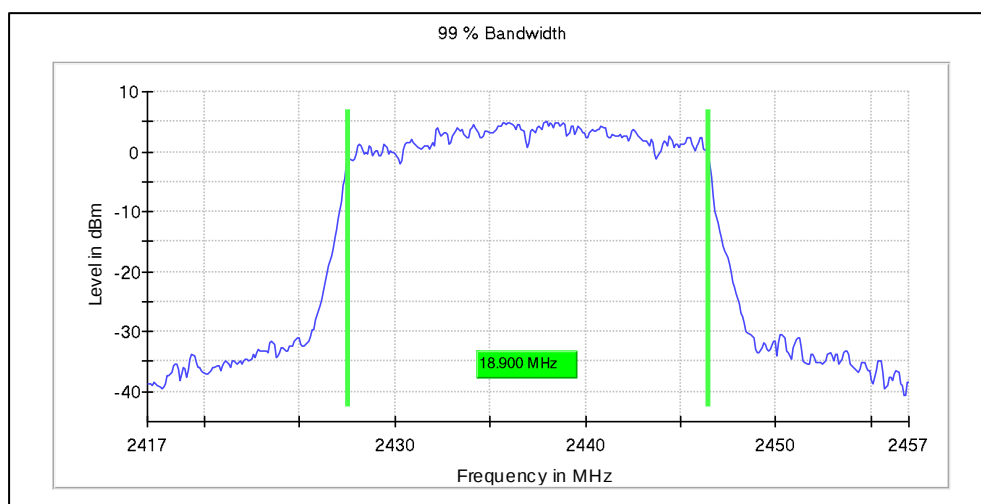
Modulation: 802.11ax HE20

Data Rate: MCS0

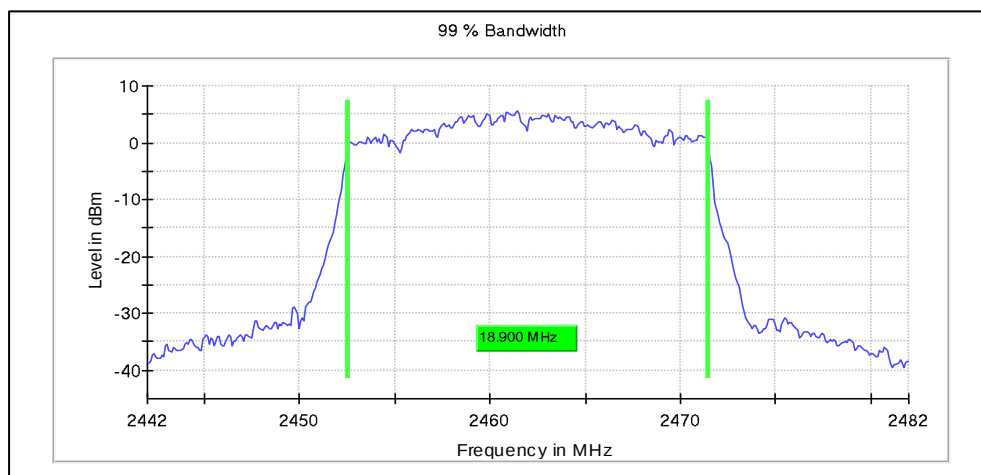
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

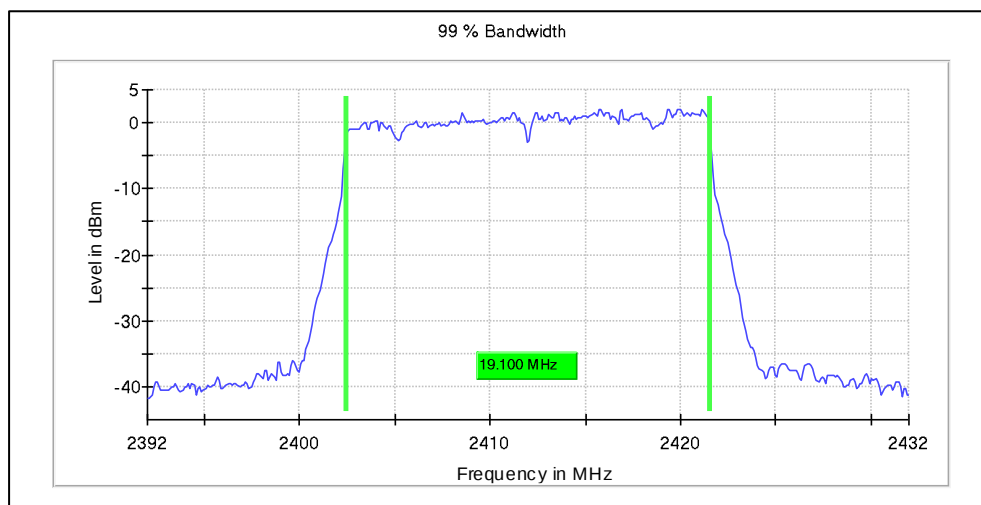
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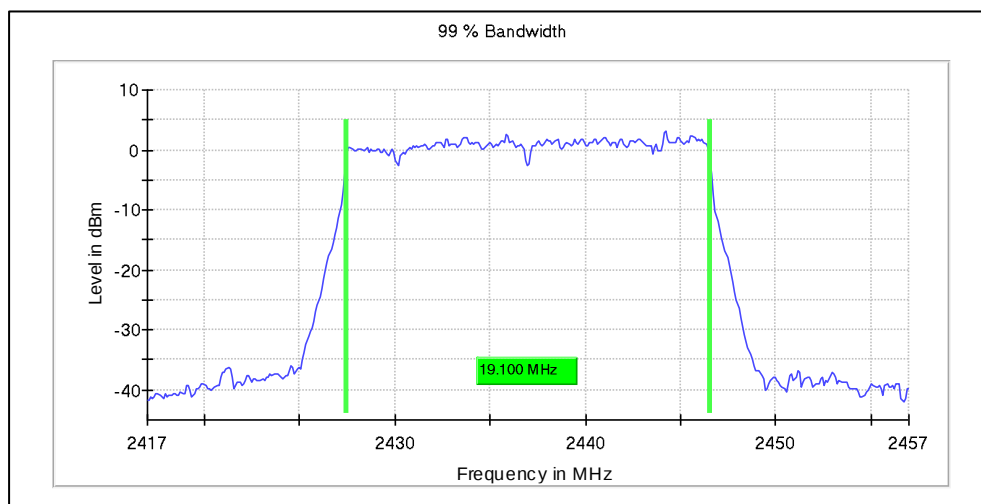
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Data Rate: MCS5

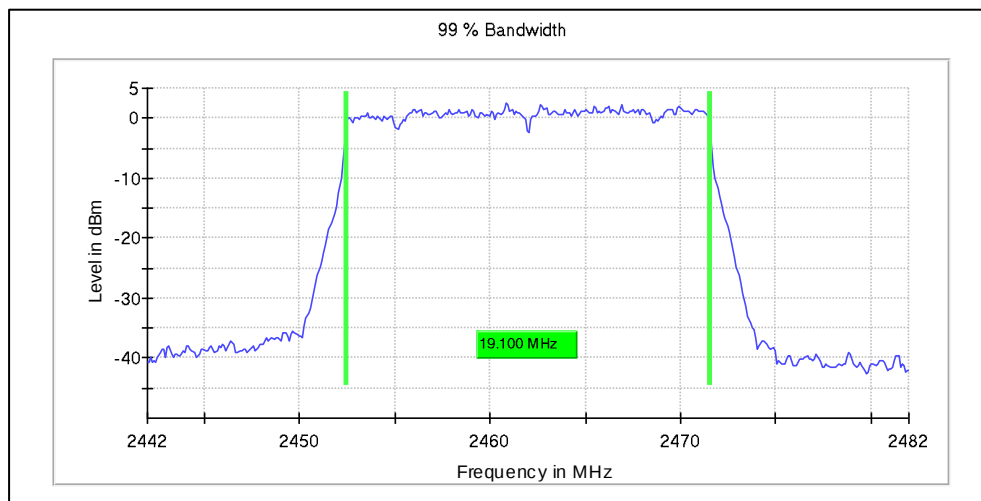
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

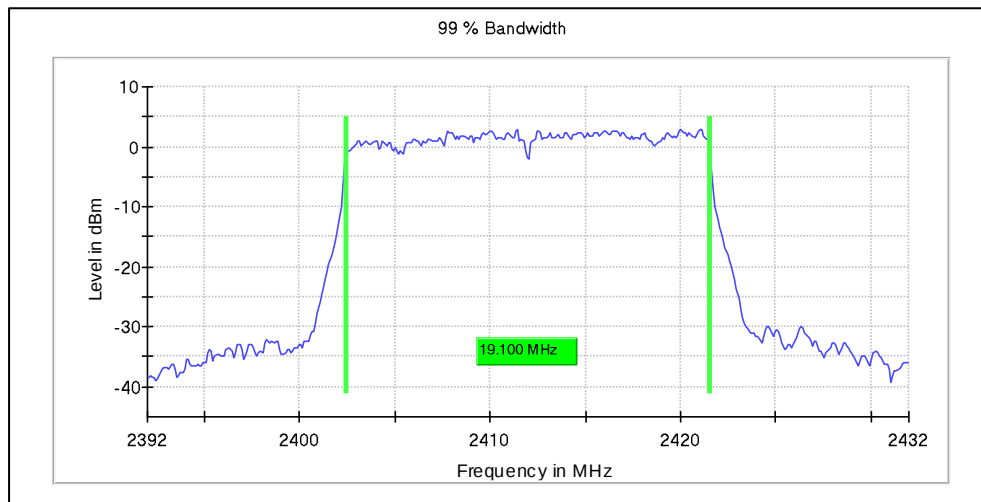
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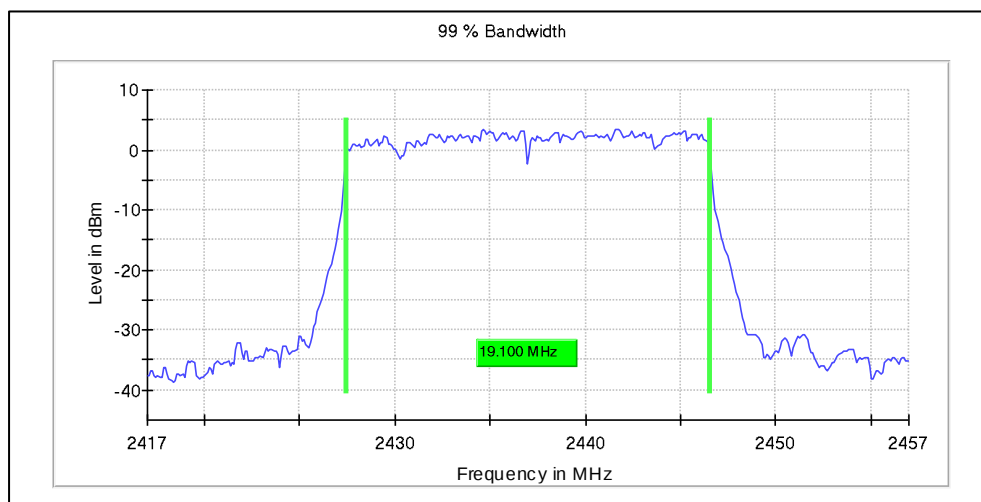
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Data Rate: MCS9

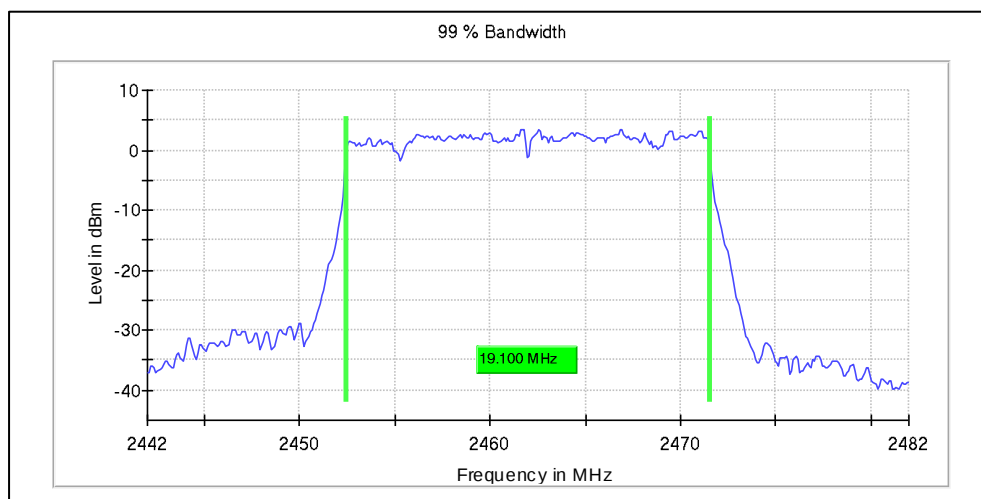
Channel Frequency: 2412MHz



Channel Frequency: 2437MHz



Channel Frequency: 2462MHz



Test Plots

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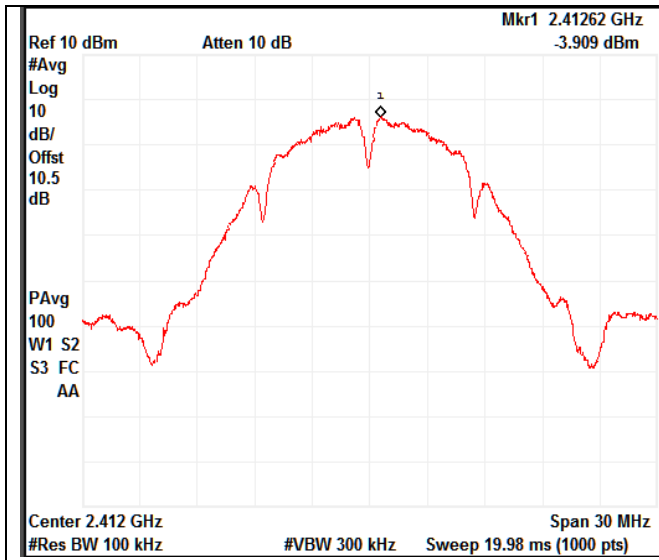
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2.4 Power Spectral Density

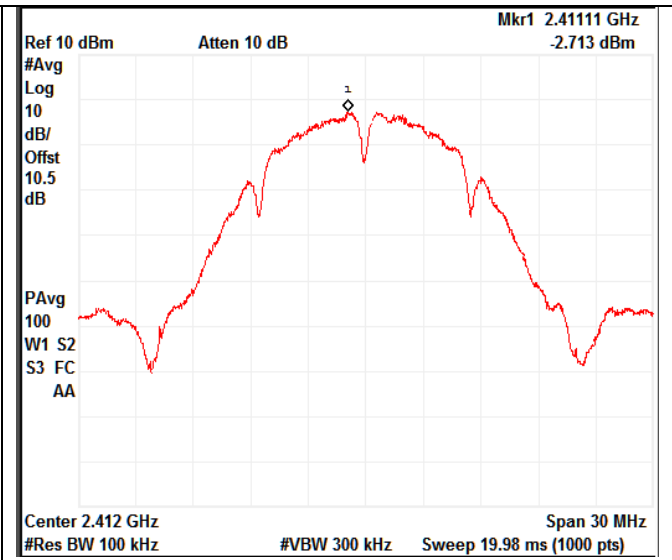
Modulation: 802.11b

Data Rate: 1Mbps

Channel Frequency: 2412MHz

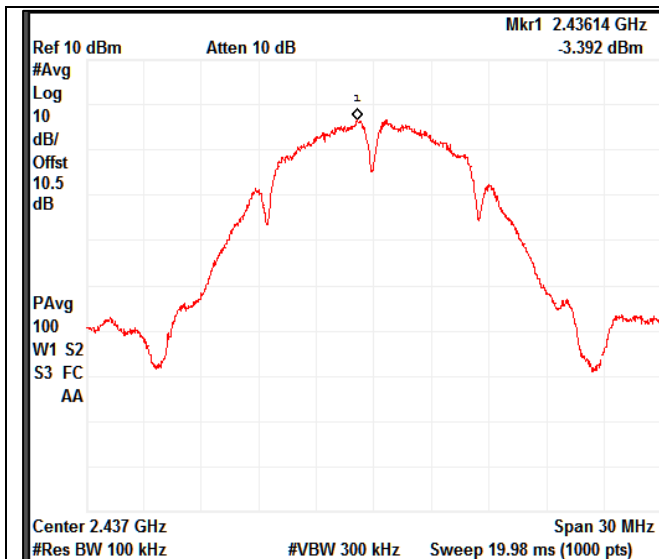


Chain-1

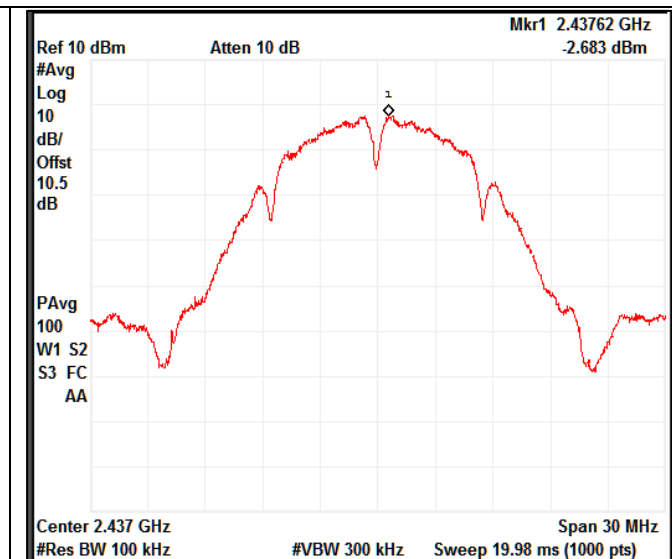


Chain-2

Channel Frequency: 2437MHz



Chain-1



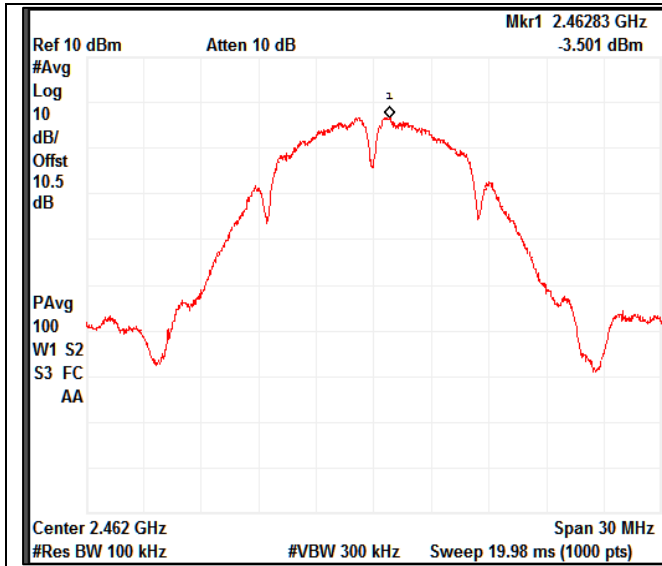
Chain-2

Test Plots

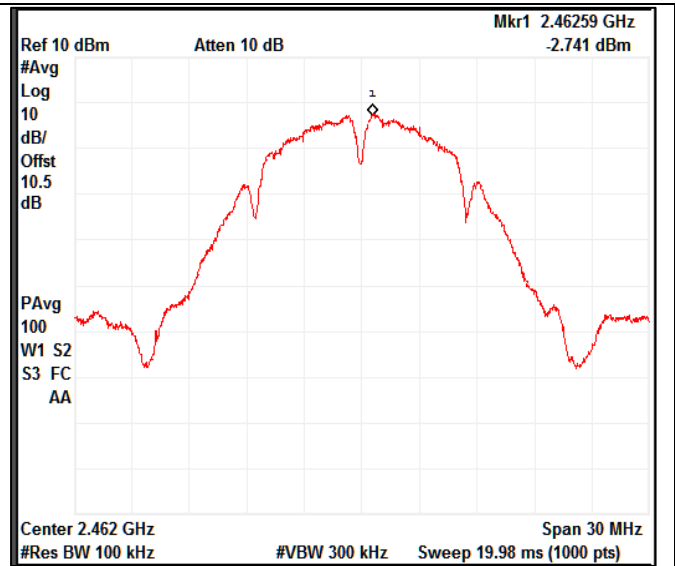
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Channel Frequency: 2462MHz



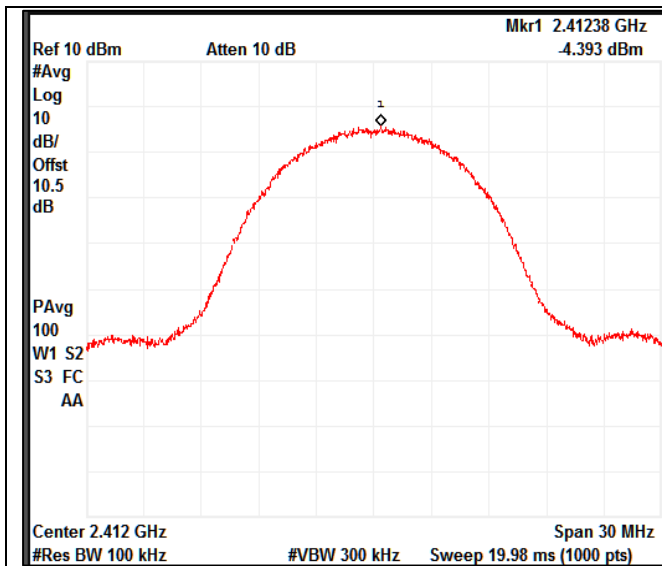
Chain-1



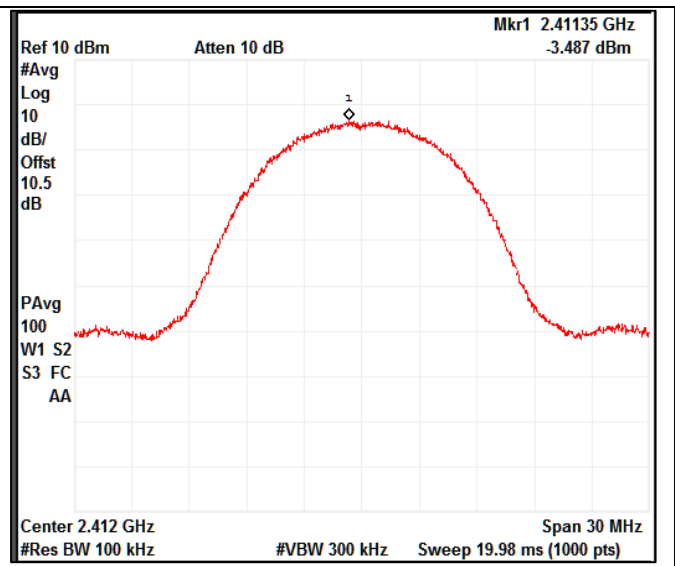
Chain-2

Data Rate: 11Mbps

Channel Frequency: 2412MHz



Chain-1



Chain-2