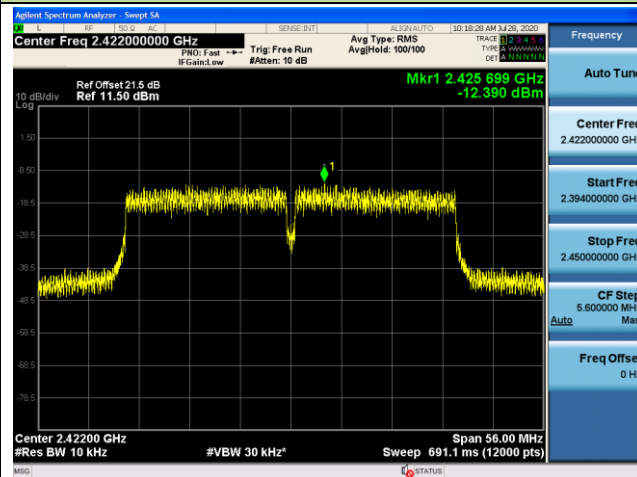
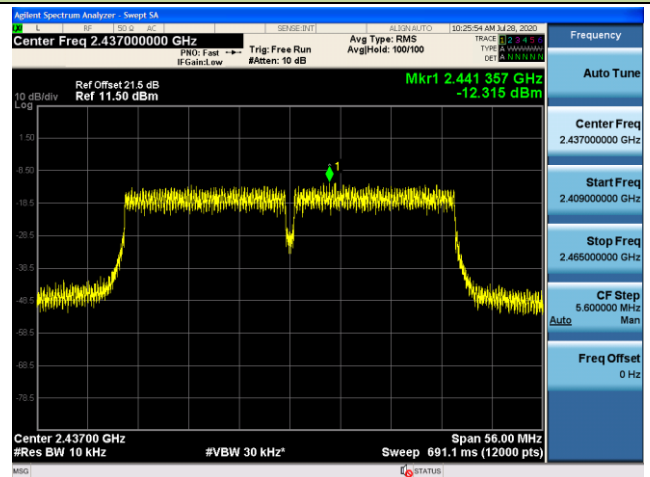


802.11n-HT40 AVGPSPD - Ant 1 / Ant 0 + 1

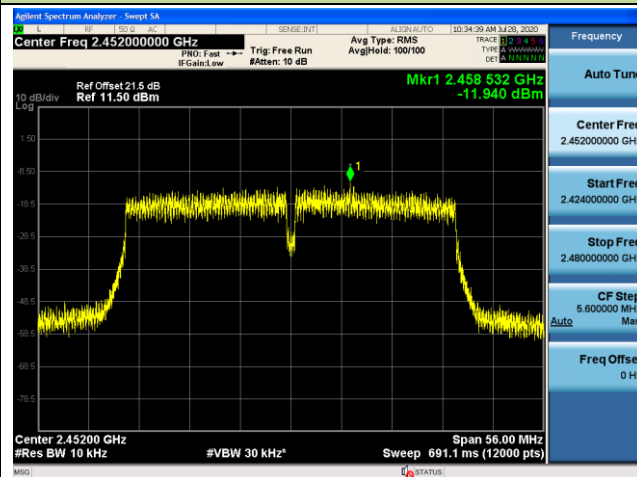
Channel 03 (2422MHz)



Channel 06 (2437MHz)

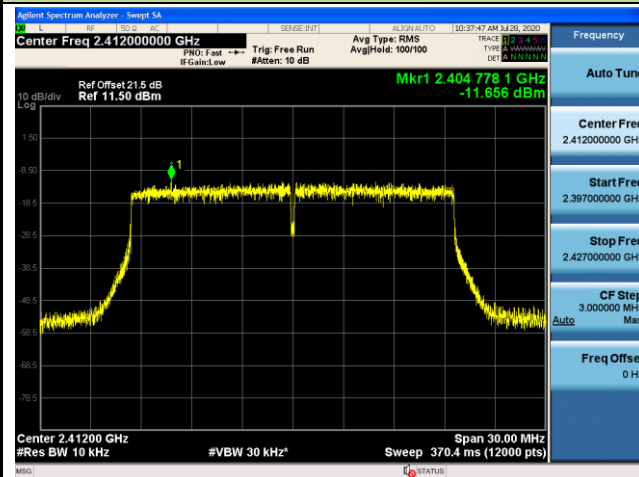


Channel 11 (2452MHz)

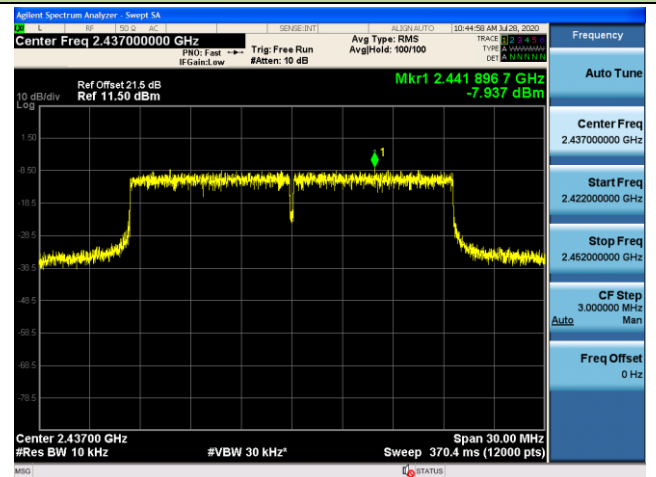


802.11ax-HE20 AVGPSPD - Ant 1 / Ant 0 + 1

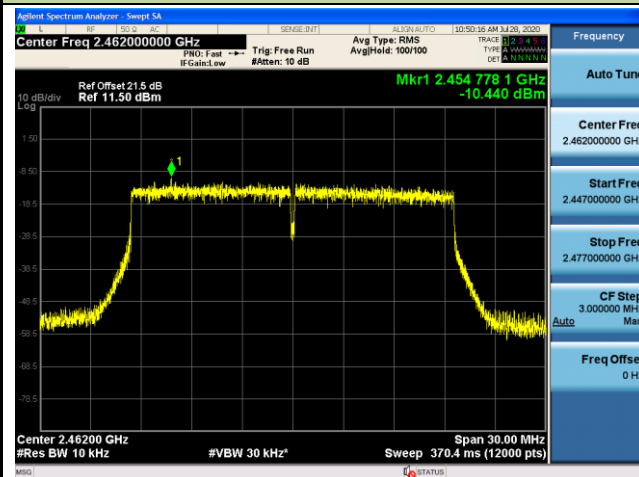
Channel 01 (2412MHz)



Channel 06 (2437MHz)

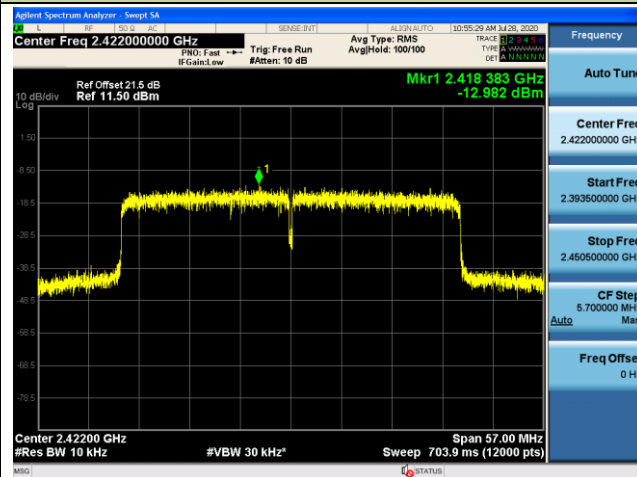


Channel 11 (2462MHz)

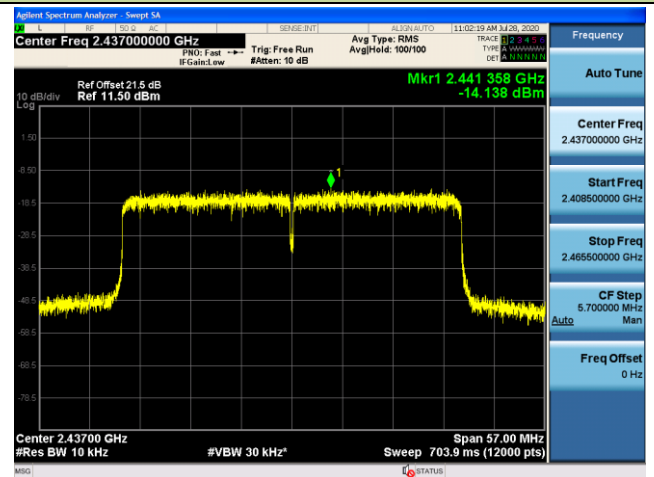


802.11ax-HE40 AVGPSPD - Ant 1 / Ant 0 + 1

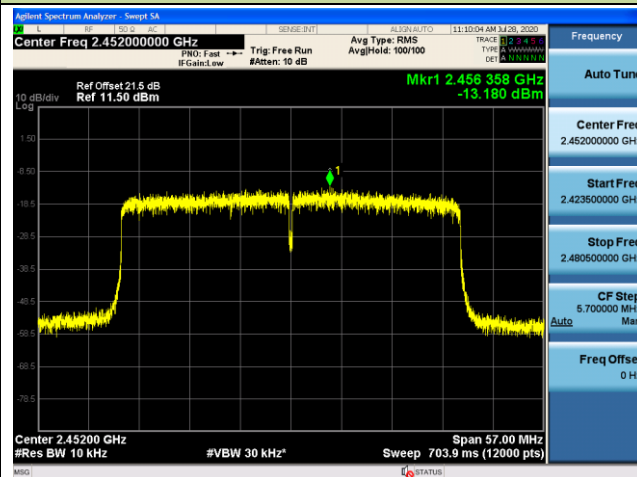
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 11 (2452MHz)



7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2. Test Procedure Used

ANSI C63.10-2013 - Section 11.11

7.5.3. Test Setting

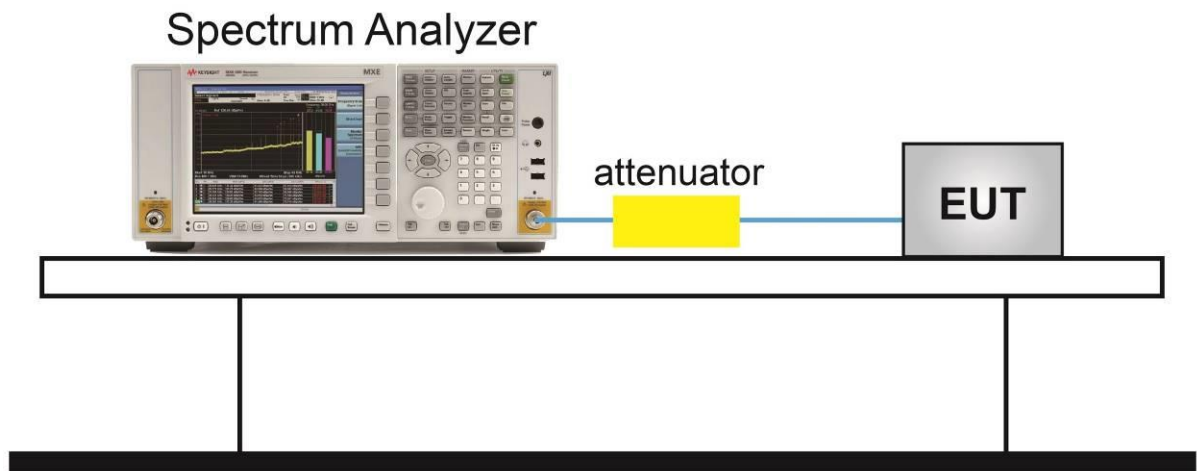
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency
2. Set the span to ≥ 1.5 times the DTS bandwidth
3. Set the RBW = 100 kHz
4. Set the VBW $\geq 3 \times$ RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow trace to fully stabilize

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

7.5.4. Test Setup



7.5.5.Test Result

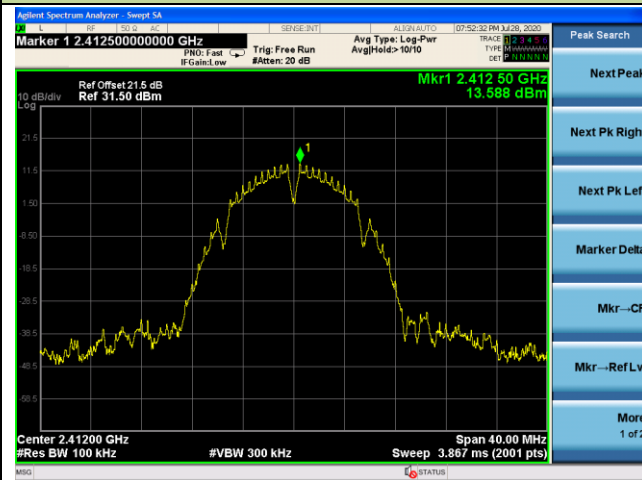
Product	ACCESS POINT	Test Engineer	Eric Lin
Test Site	SR2	Test Date	2020/07/28

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	1Mbps	01	2412	> 30	Pass
802.11b	1Mbps	06	2437	> 30	Pass
802.11b	1Mbps	11	2462	> 30	Pass
802.11g	6Mbps	01	2412	> 30	Pass
802.11g	6Mbps	06	2437	> 30	Pass
802.11g	6Mbps	11	2462	> 30	Pass
802.11n-HT20	MCS0	01	2412	> 30	Pass
802.11n-HT20	MCS0	06	2437	> 30	Pass
802.11n-HT20	MCS0	11	2462	> 30	Pass
802.11n-HT40	MCS0	03	2422	> 30	Pass
802.11n-HT40	MCS0	06	2437	> 30	Pass
802.11n-HT40	MCS0	09	2452	> 30	Pass
802.11ax-HE20	MCS0	01	2412	> 30	Pass
802.11ax-HE20	MCS0	06	2437	> 30	Pass
802.11ax-HE20	MCS0	11	2462	> 30	Pass
802.11ax-HE40	MCS0	03	2422	> 30	Pass
802.11ax-HE40	MCS0	06	2437	> 30	Pass
802.11ax-HE40	MCS0	09	2452	> 30	Pass

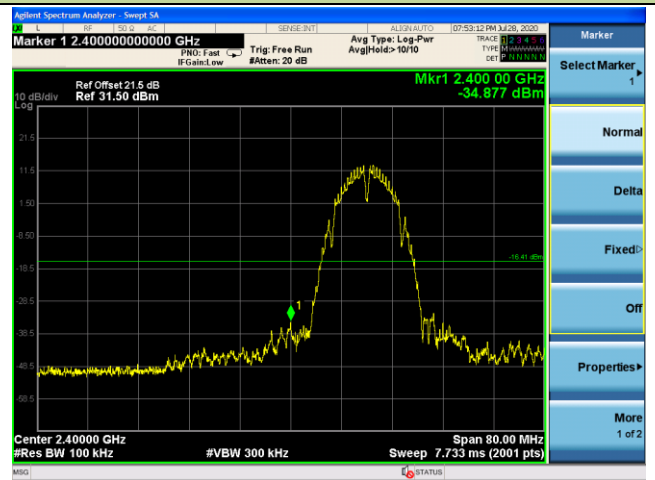
802.11b Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

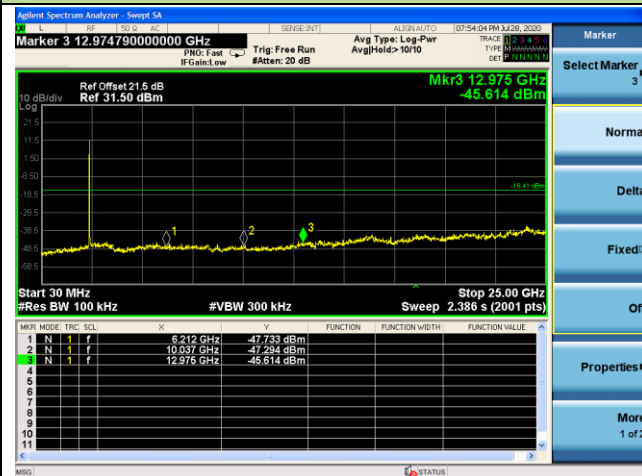
100kHz PSD reference Level



Low Band Edge



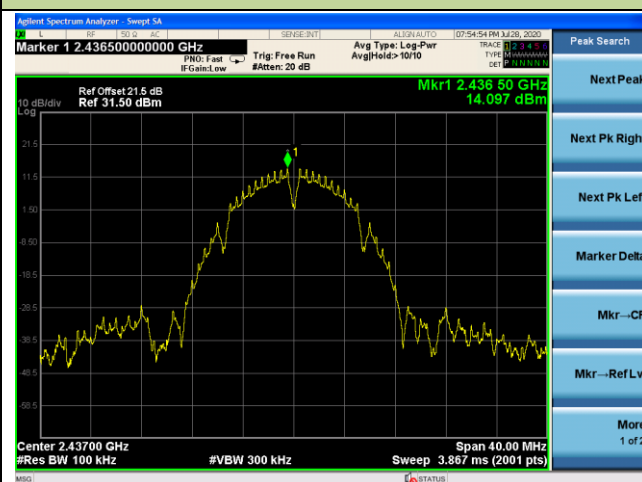
Spurious Emission



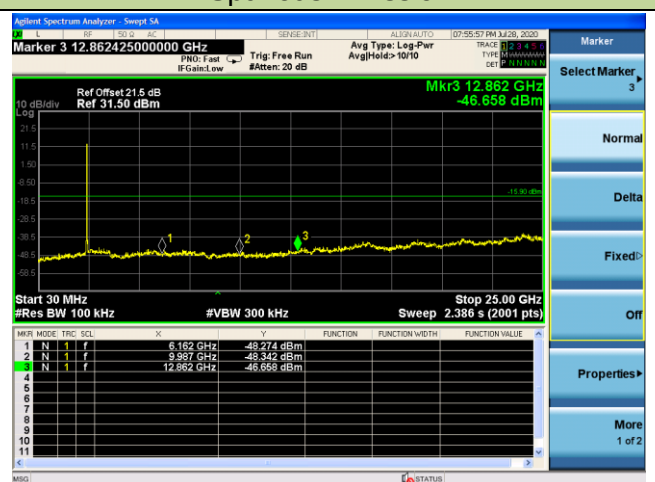
Note: The Value of the Display Line is -16.41dBm

Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



Note: The Value of the Display Line is -15.90dBm

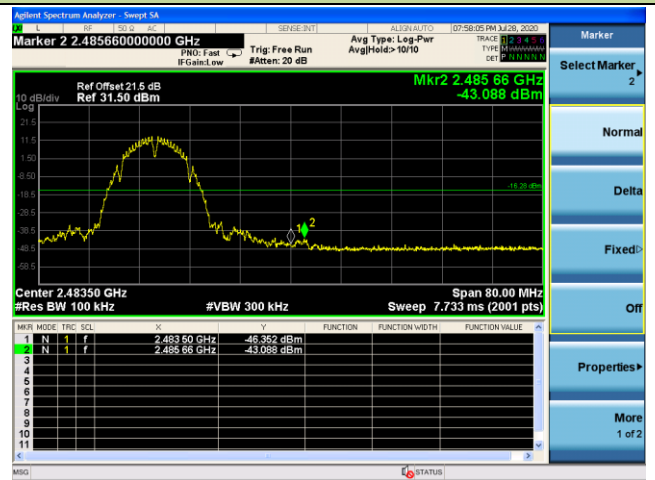
802.11b Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 11 (2462MHz)

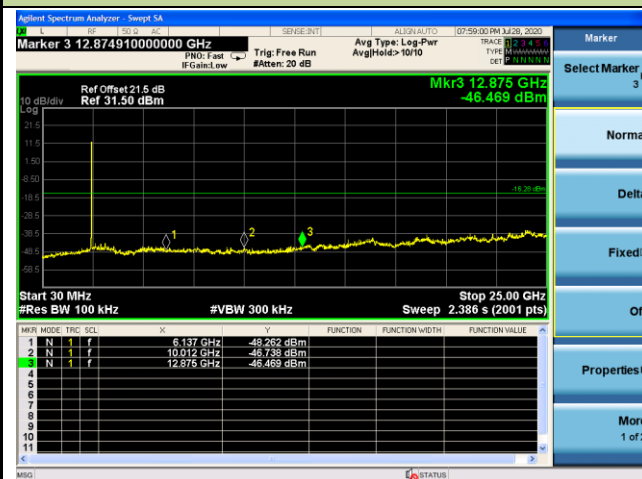
100kHz PSD reference Level



High Band Edge



Spurious Emission

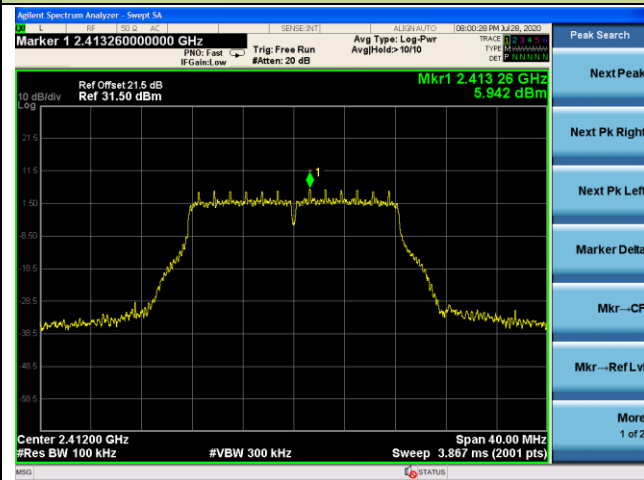


Note: The Value of the Display Line is -16.28dBm

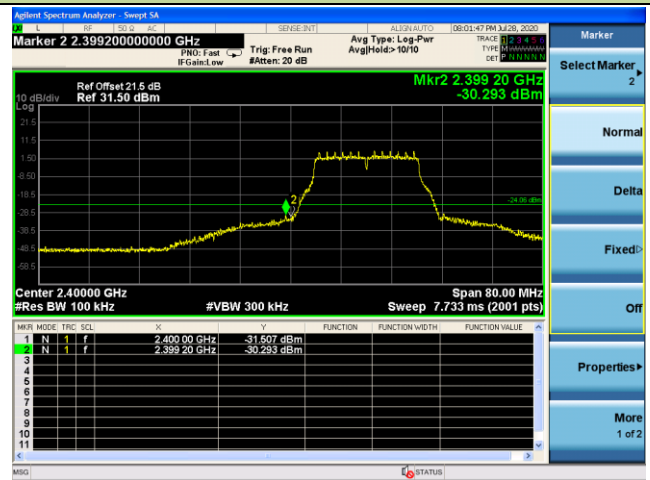
802.11g Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

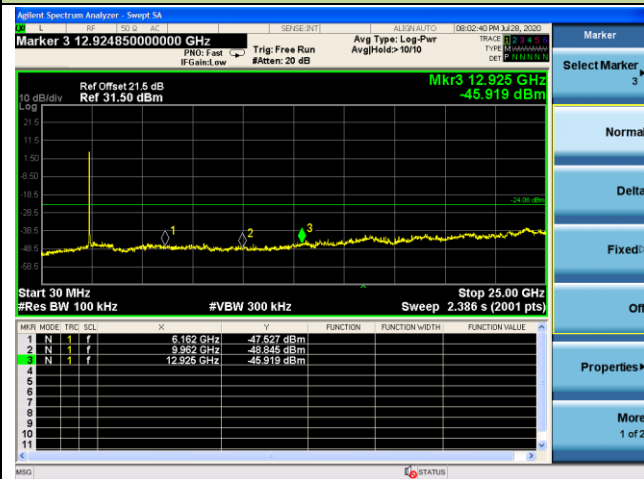
100kHz PSD reference Level



Low Band Edge



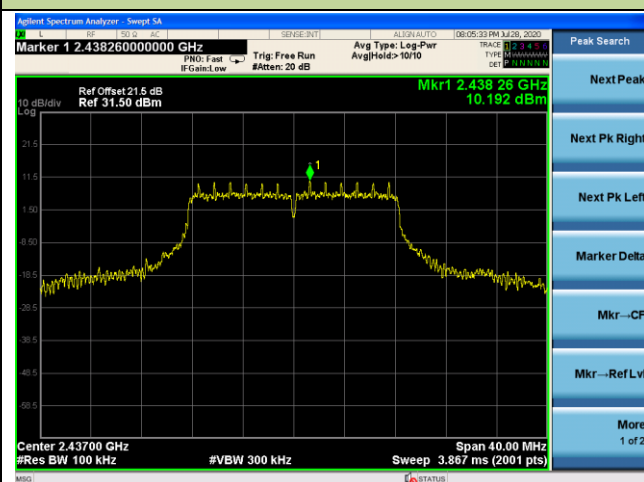
Spurious Emission



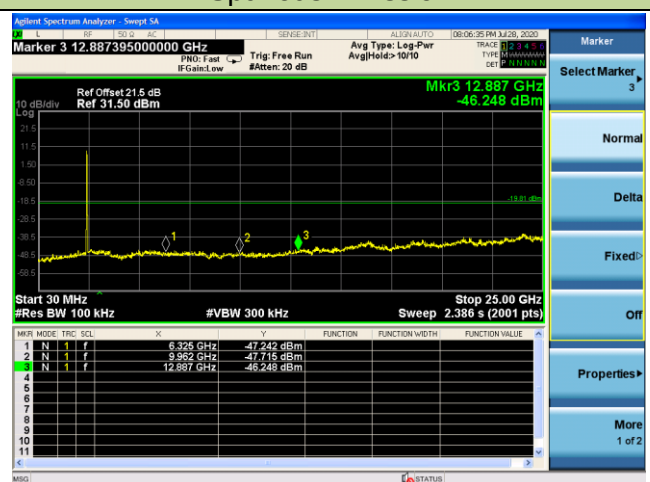
Note: The Value of the Display Line is -24.06dBm

Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission

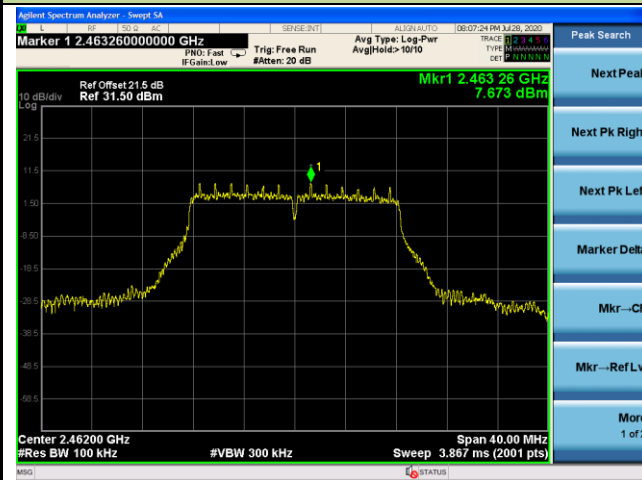


Note: The Value of the Display Line is -19.81dBm

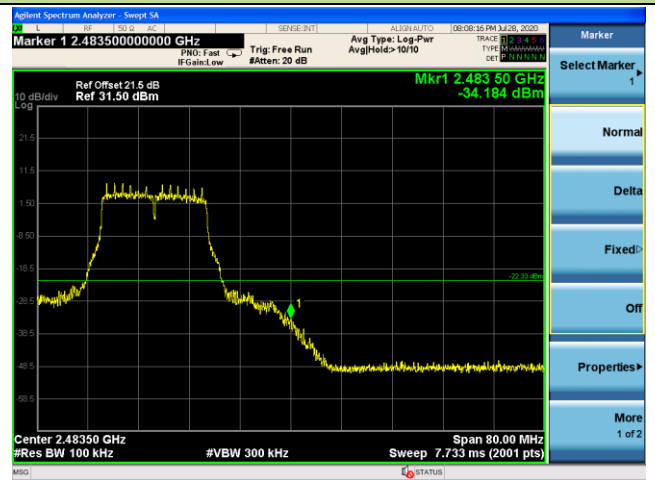
802.11g Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 11 (2462MHz)

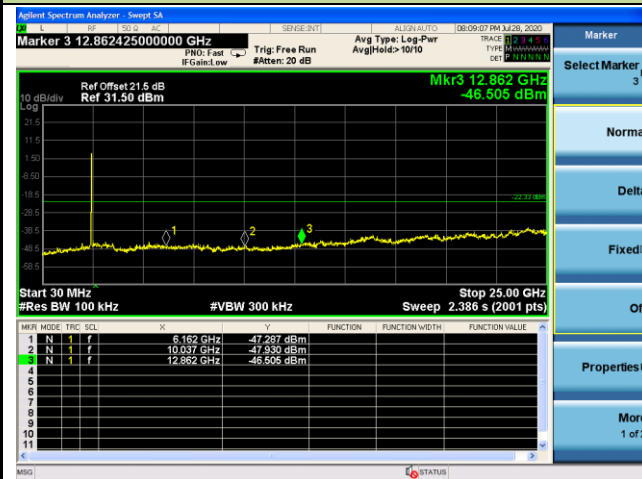
100kHz PSD reference Level



High Band Edge



Spurious Emission

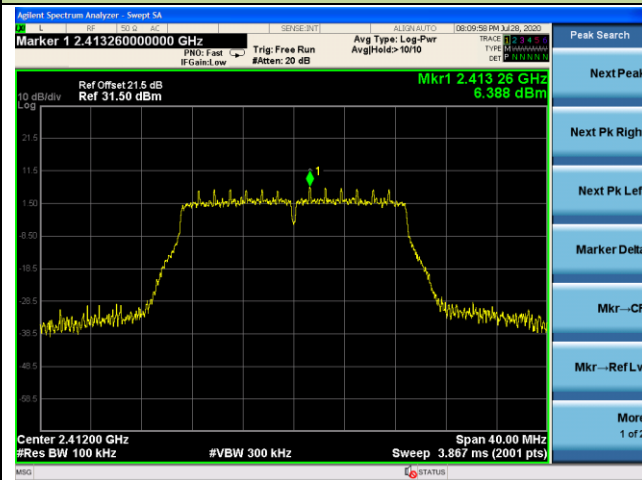


Note: The Value of the Display Line is -22.33dBm

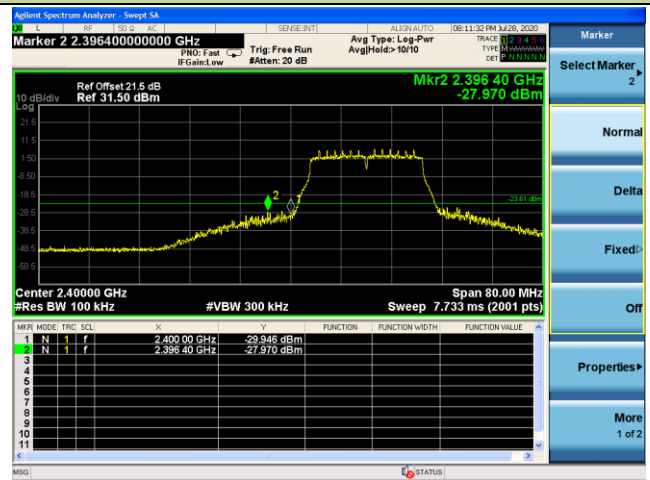
802.11n-HT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

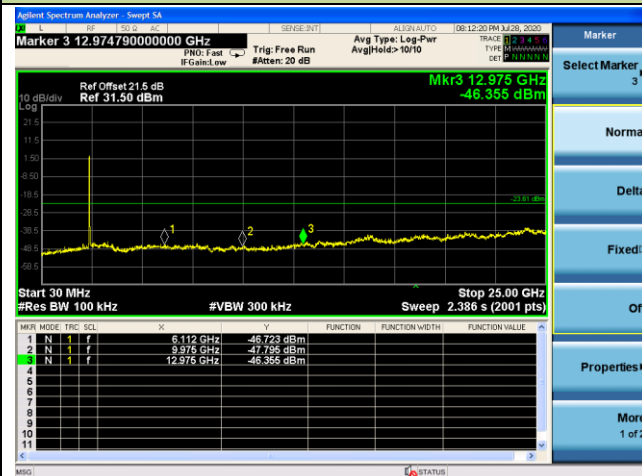
100kHz PSD reference Level



Low Band Edge



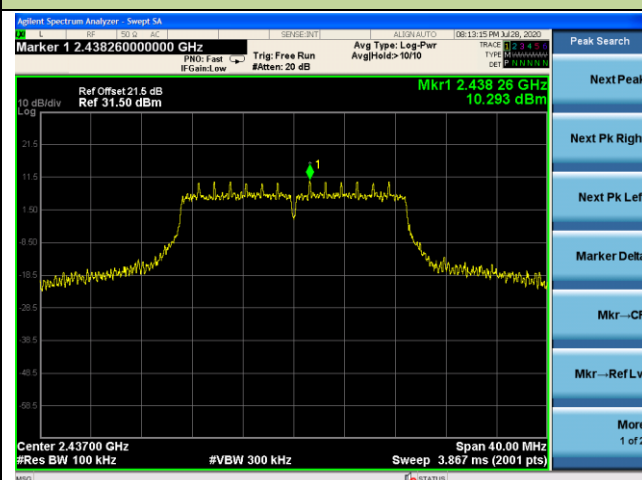
Spurious Emission



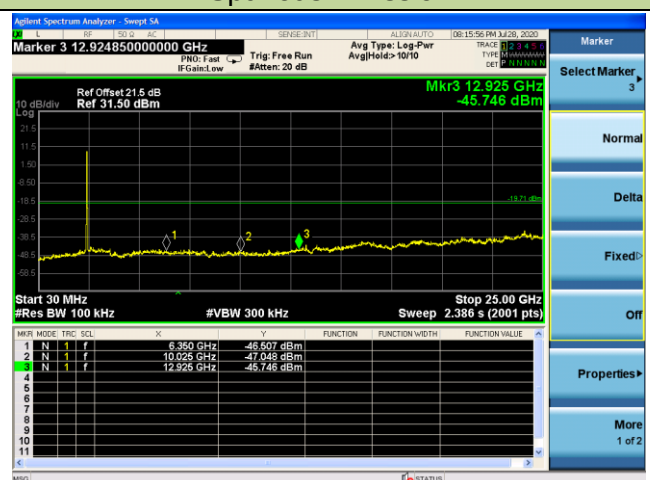
Note: The Value of the Display Line is -23.61dBm

Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission

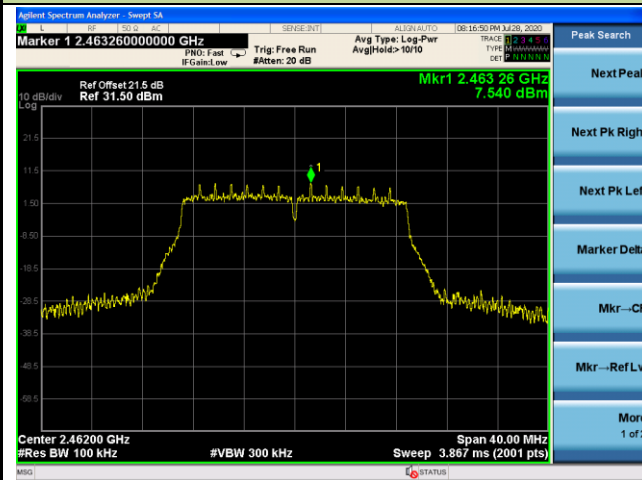


Note: The Value of the Display Line is -19.71dBm

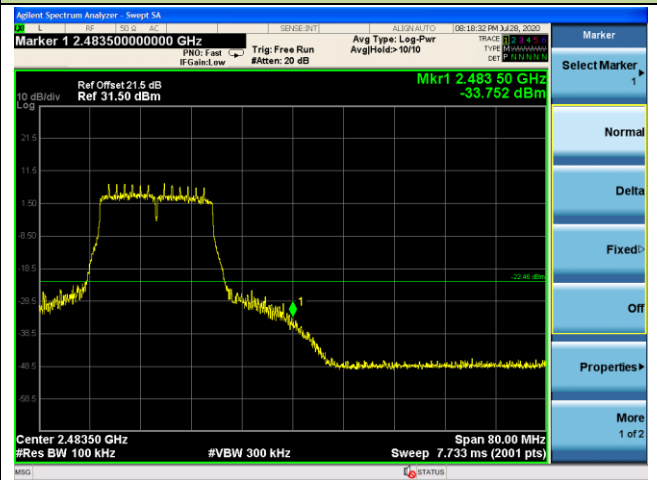
802.11n-HT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 11 (2462MHz)

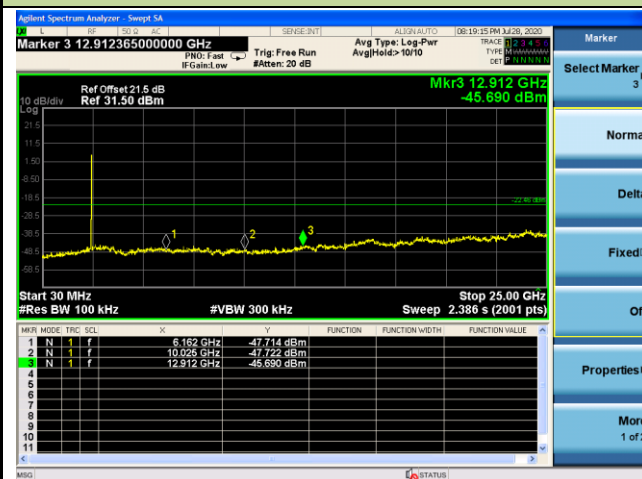
100kHz PSD reference Level



High Band Edge



Spurious Emission

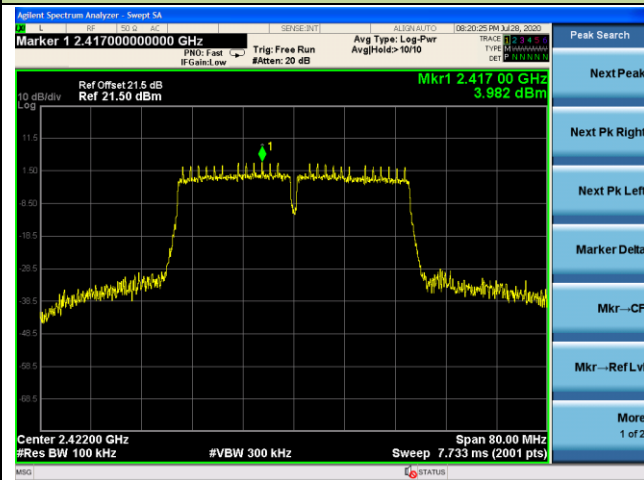


Note: The Value of the Display Line is -22.46dBm

802.11n-HT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

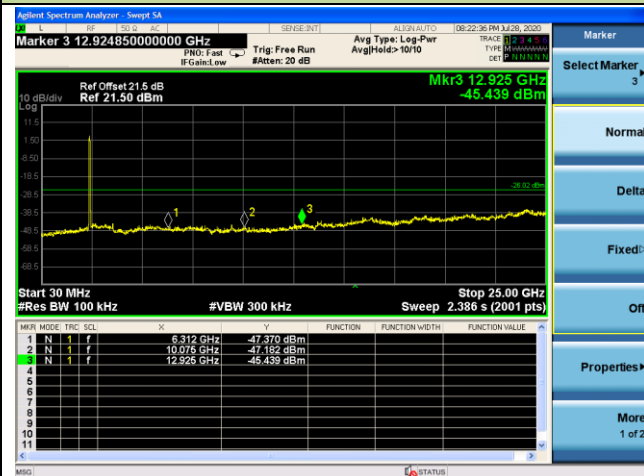
100kHz PSD reference Level



Low Band Edge



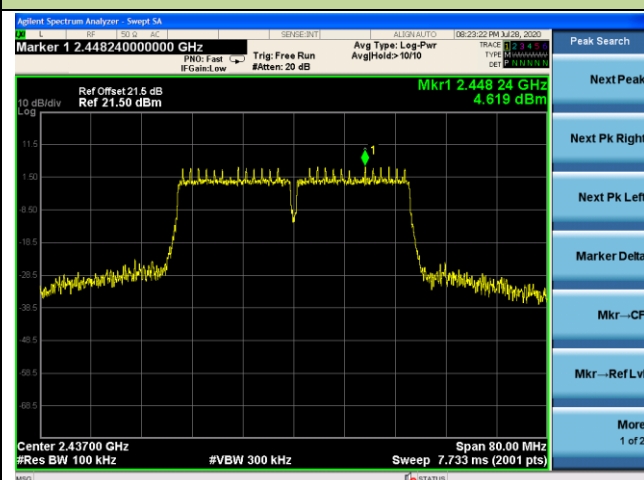
Spurious Emission



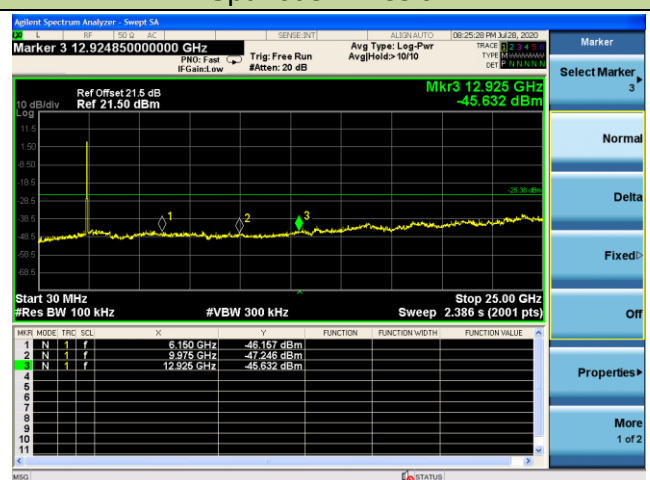
Note: The Value of the Display Line is -26.02dBm

Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission

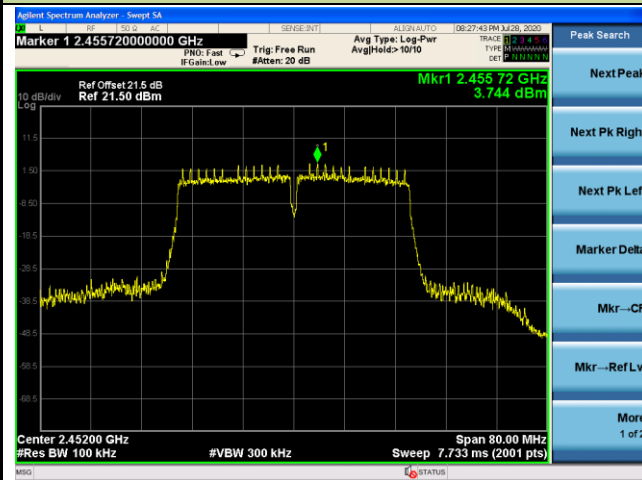


Note: The Value of the Display Line is -25.38dBm

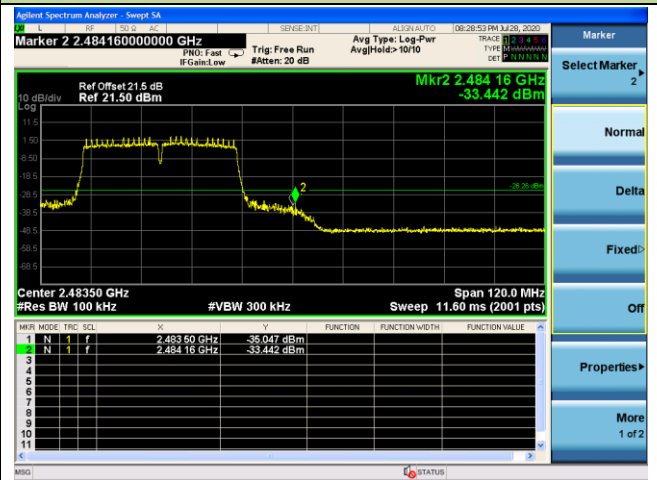
802.11n-HT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 09 (2452MHz)

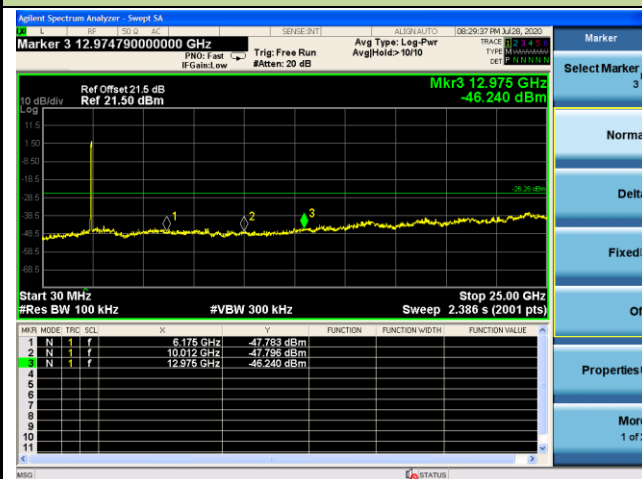
100kHz PSD reference Level



High Band Edge



Spurious Emission

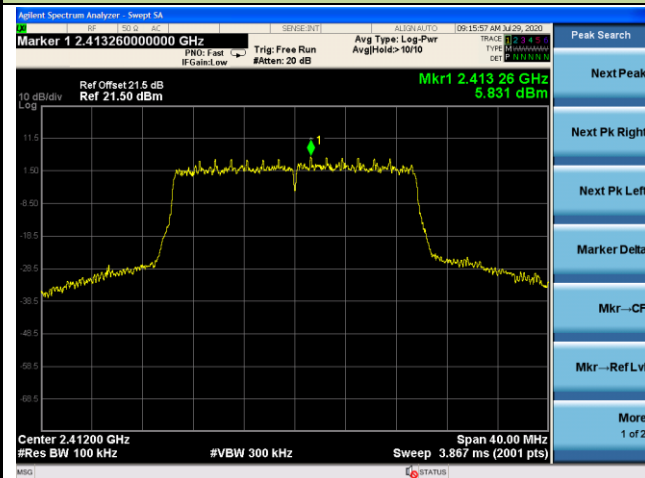


Note: The Value of the Display Line is -26.26dBm

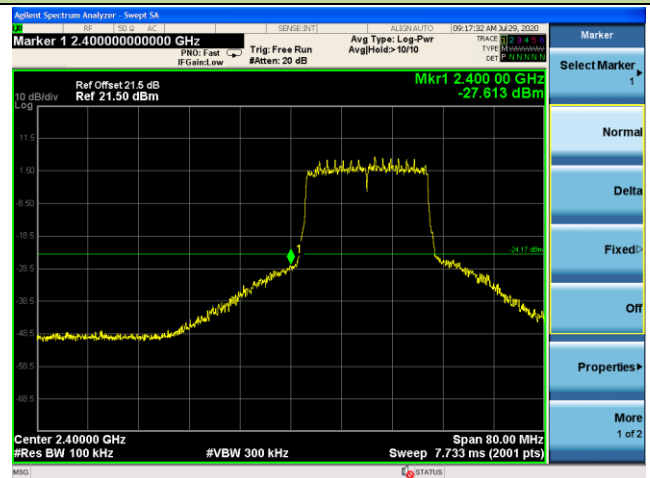
802.11ax-HE20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

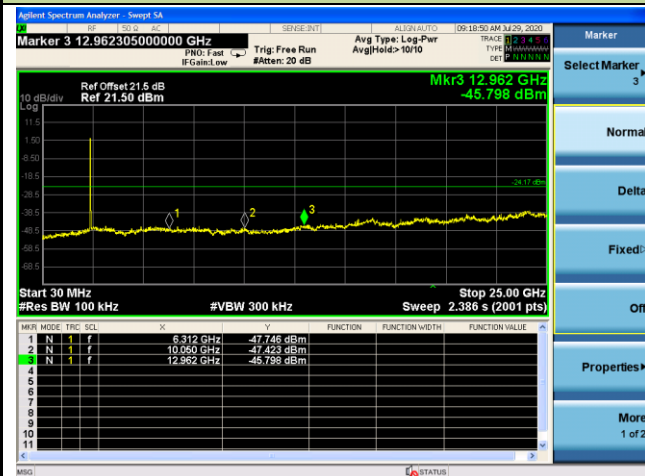
100kHz PSD reference Level



Low Band Edge



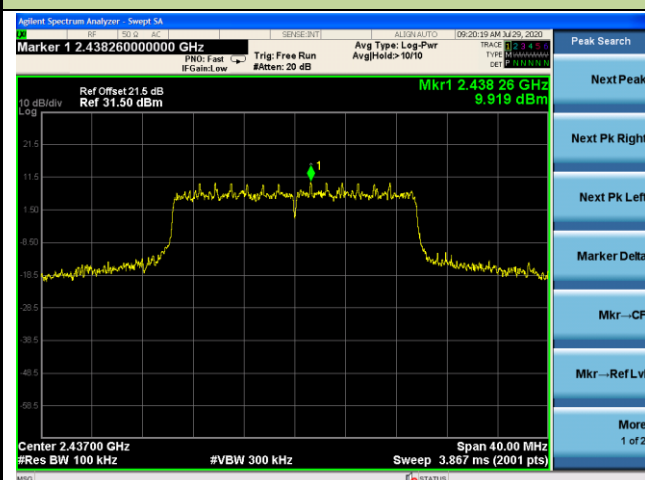
Spurious Emission



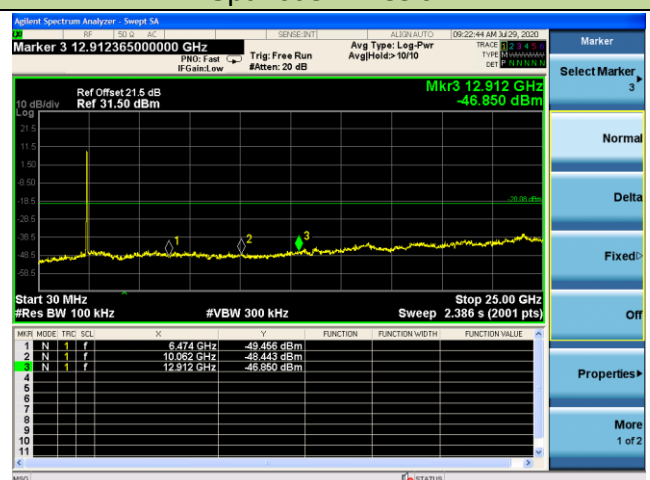
Note: The Value of the Display Line is -24.17dBm

Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission

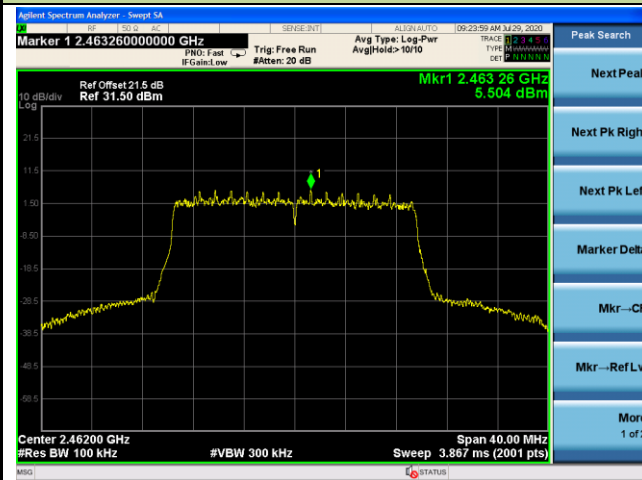


Note: The Value of the Display Line is -20.08dBm

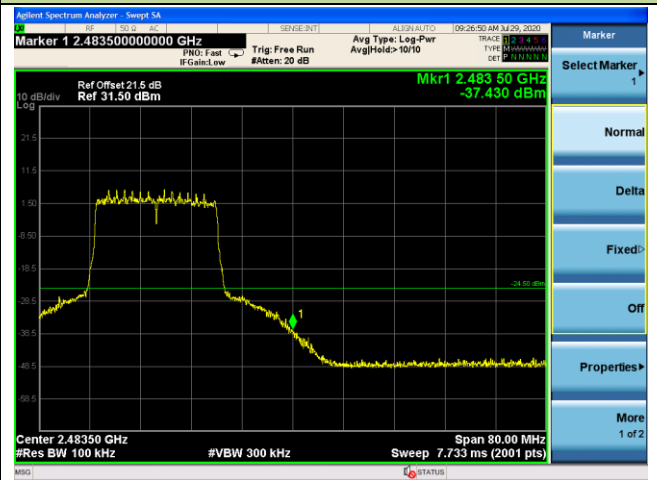
802.11ax-HE20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 11 (2462MHz)

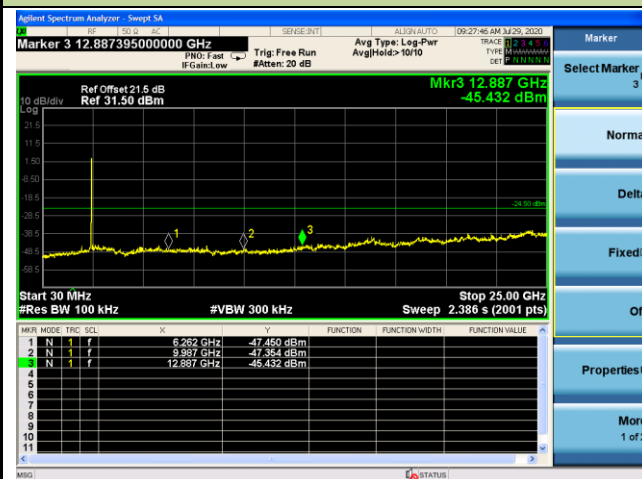
100kHz PSD reference Level



High Band Edge



Spurious Emission

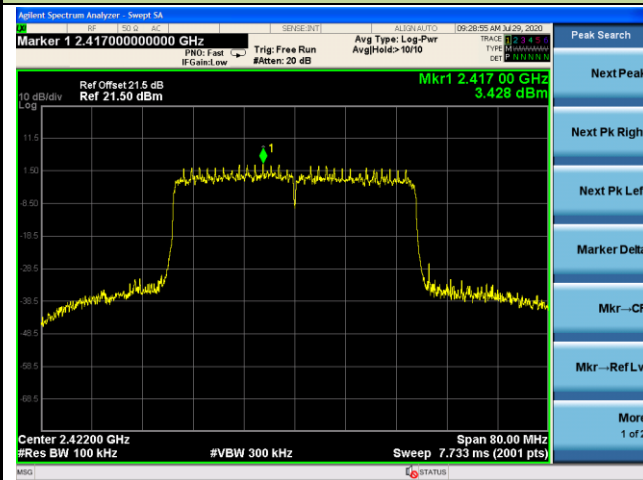


Note: The Value of the Display Line is -24.50dBm

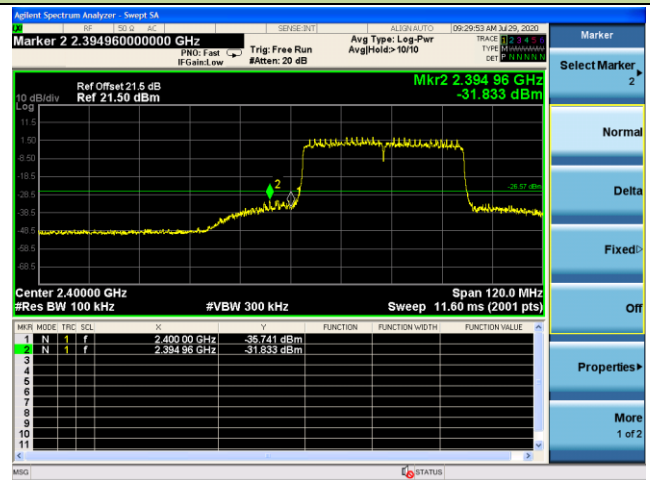
802.11ax-HE40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

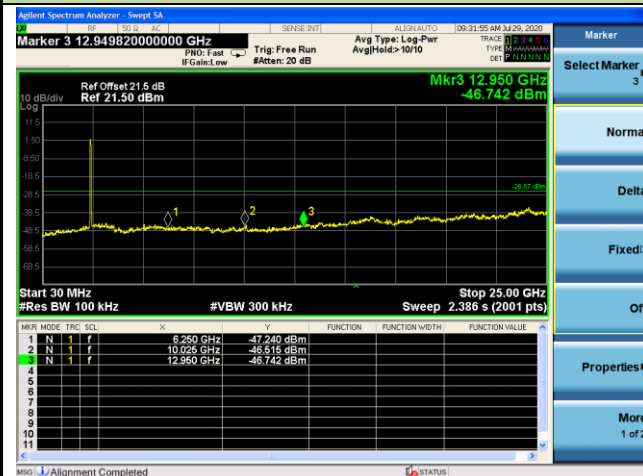
100kHz PSD reference Level



Low Band Edge



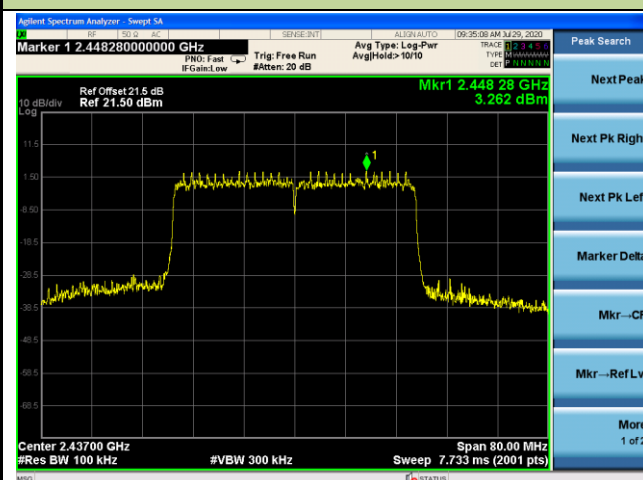
Spurious Emission



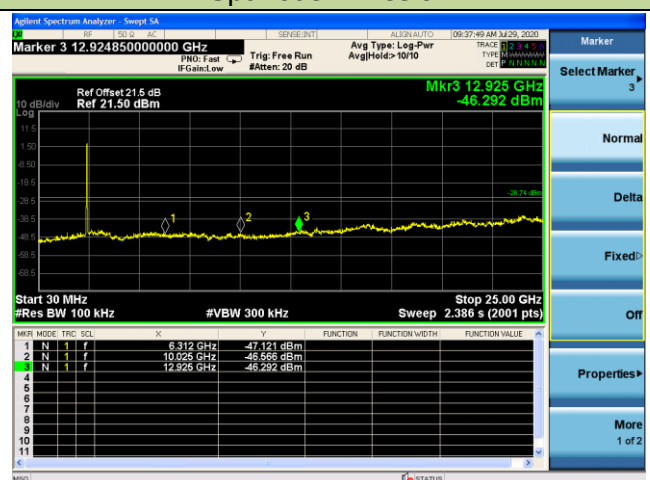
Note: The Value of the Display Line is -26.57dBm

Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission

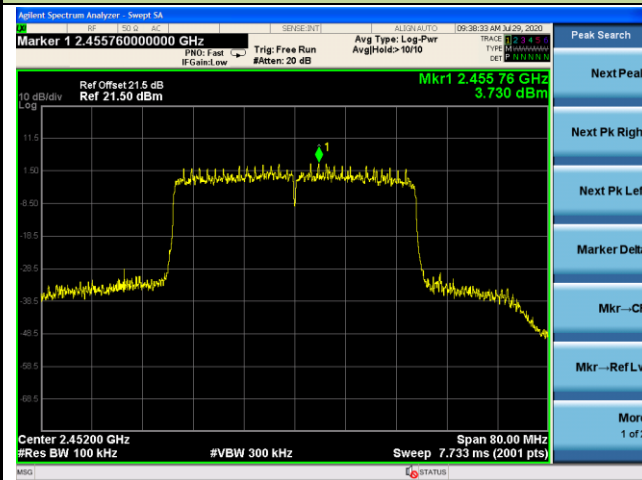


Note: The Value of the Display Line is -26.74dBm

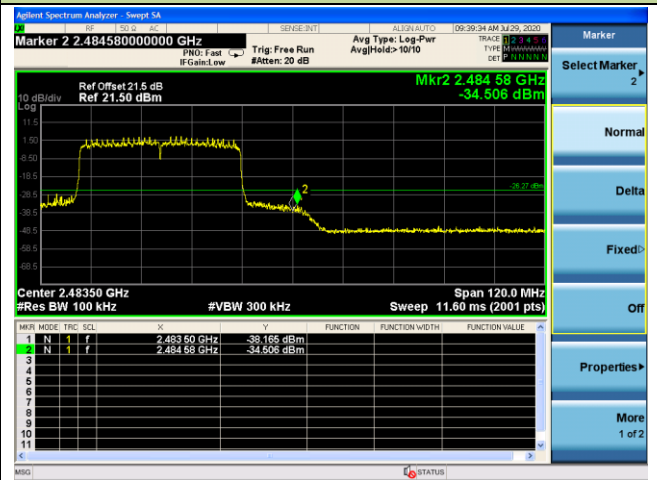
802.11ax-HE40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 09 (2452MHz)

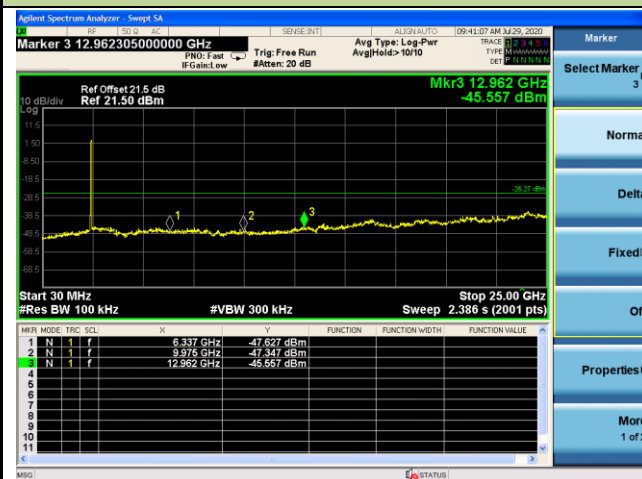
100kHz PSD reference Level



High Band Edge



Spurious Emission



Note: The Value of the Display Line is -26.27dBm