

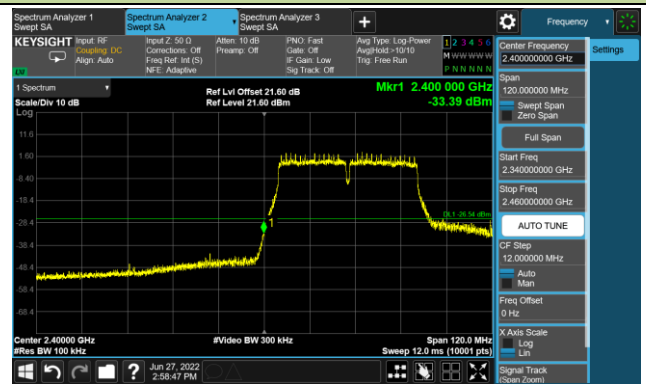
802.11n-HT40 Out-of-Band Emissions - Ant 2

Channel 03 (2422MHz)

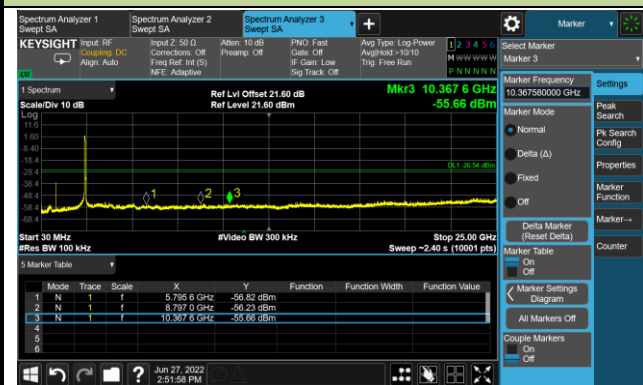
Reference Level



Low Band Edge

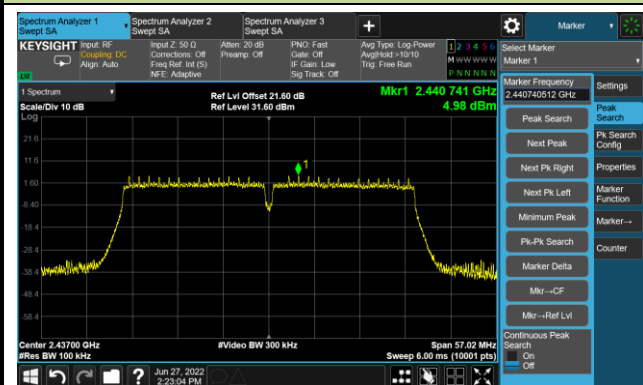


Spurious Emission

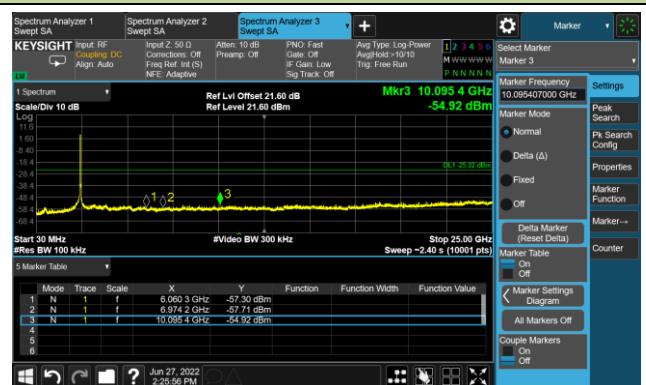


Channel 06 (2437MHz)

Reference Level

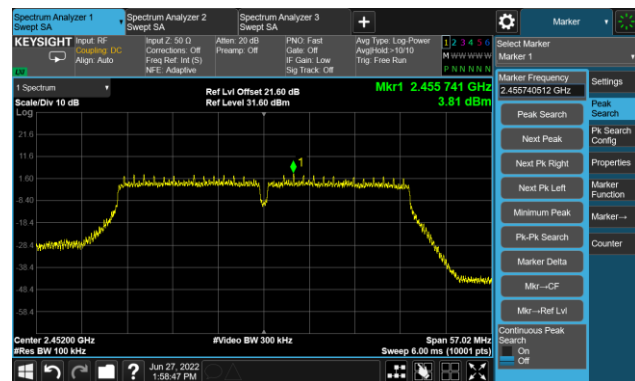


Spurious Emission

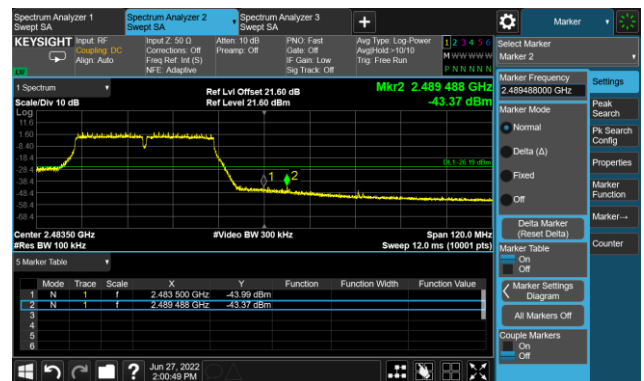


Channel 09 (2452MHz)

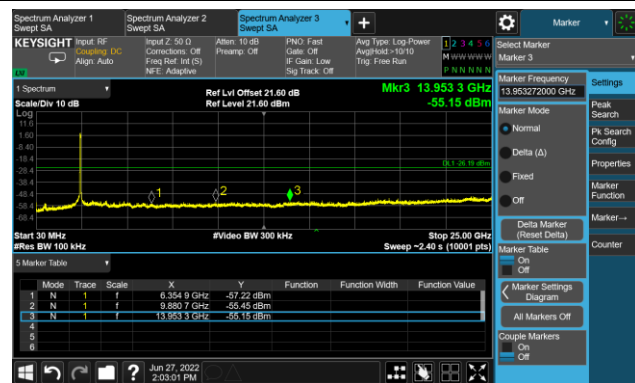
Reference Level



High Band Edge



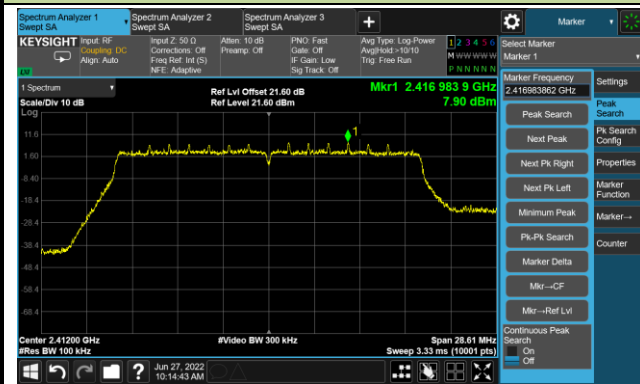
Spurious Emission



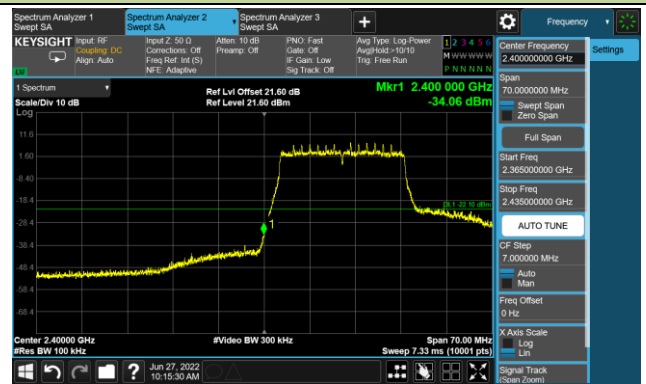
802.11ax-HE20 Out-of-Band Emissions - Ant 2

Channel 01 (2412MHz)

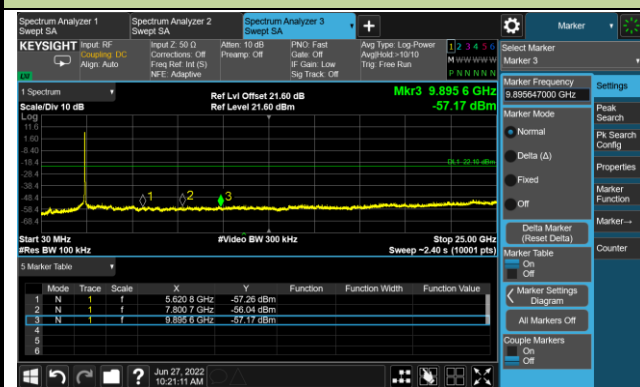
Reference Level



Low Band Edge

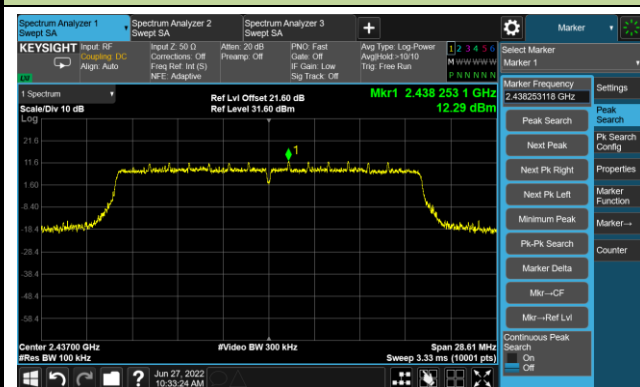


Spurious Emission

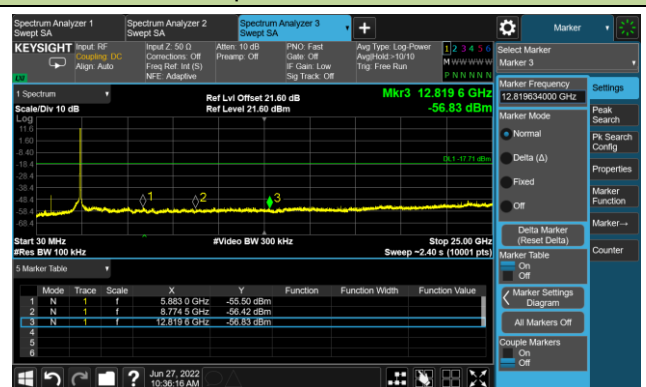


Channel 06 (2437MHz)

Reference Level

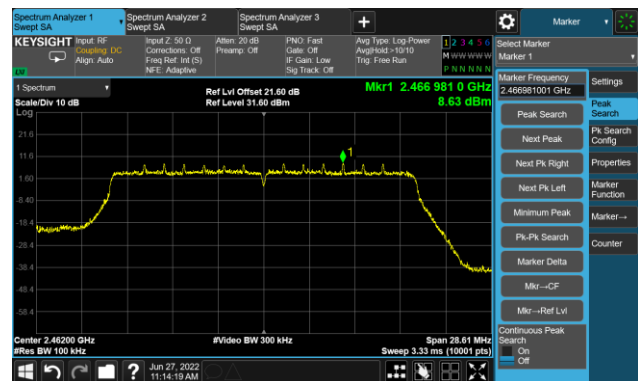


Spurious Emission

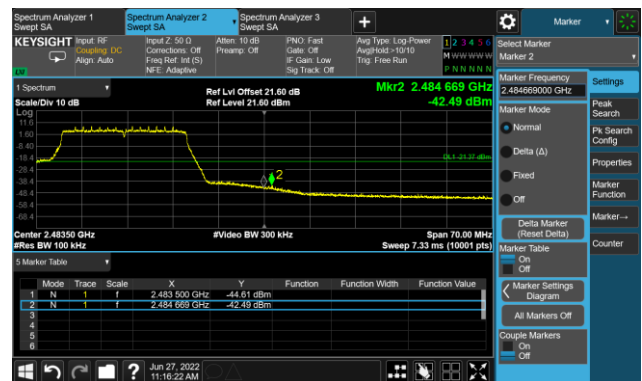


Channel 11 (2462MHz)

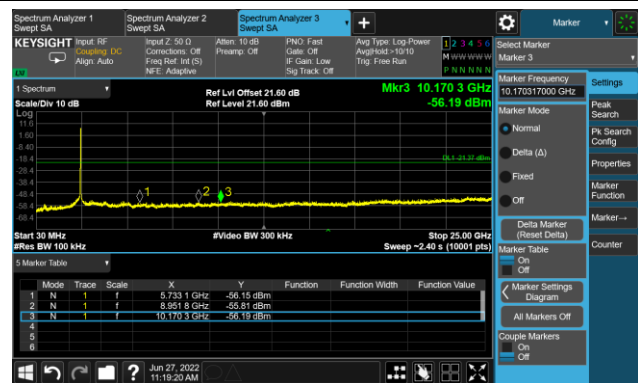
Reference Level



High Band Edge



Spurious Emission



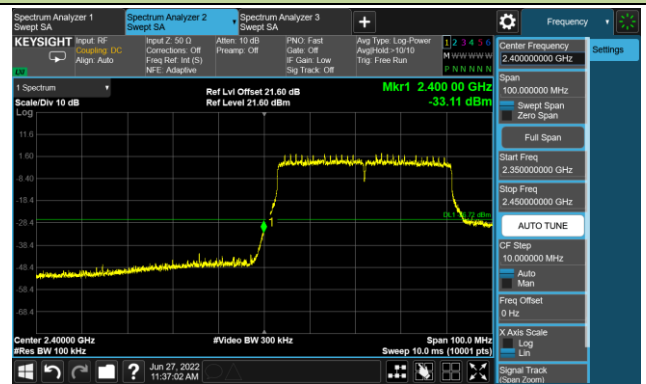
802.11ax-HE40 Out-of-Band Emissions - Ant 2

Channel 03 (2422MHz)

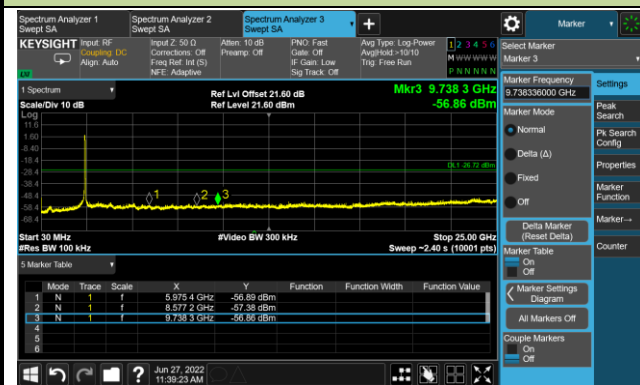
Reference Level



Low Band Edge

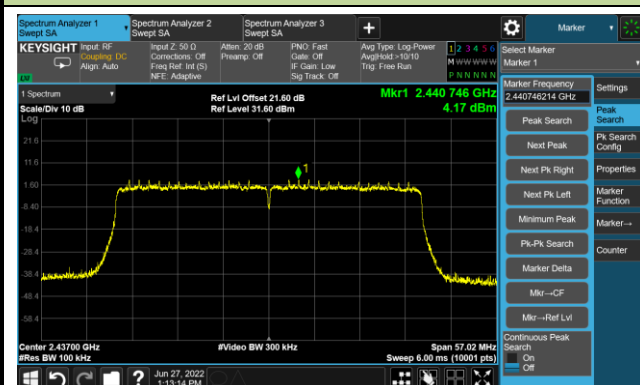


Spurious Emission

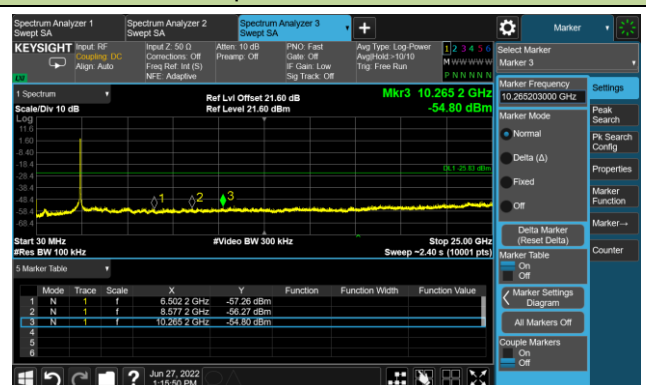


Channel 06 (2437MHz)

Reference Level



Spurious Emission

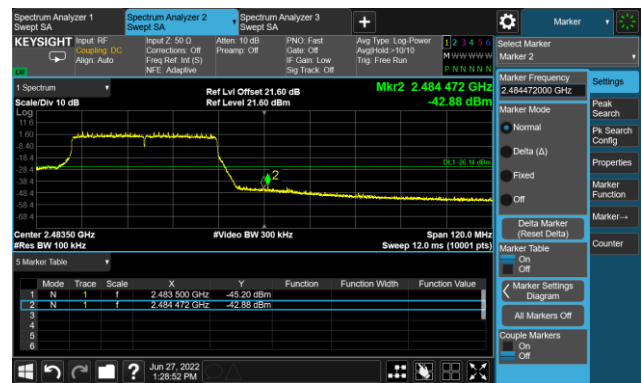


Channel 09 (2452MHz)

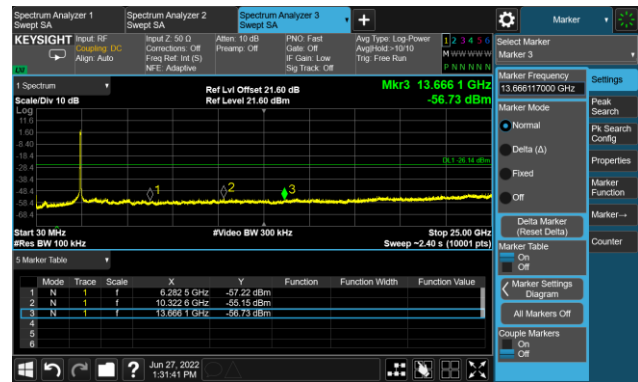
Reference Level



High Band Edge



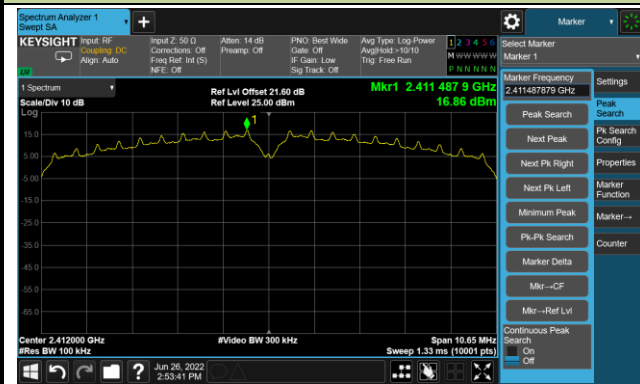
Spurious Emission



802.11b Out-of-Band Emissions - Ant 3

Channel 01 (2412MHz)

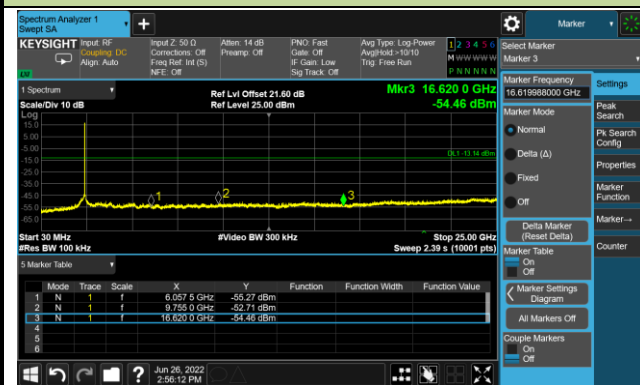
Reference Level



Low Band Edge

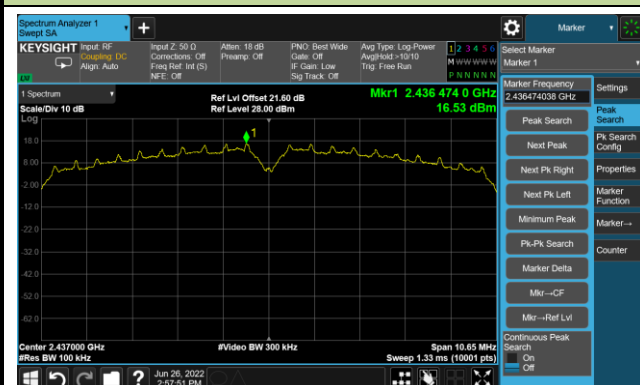


Spurious Emission

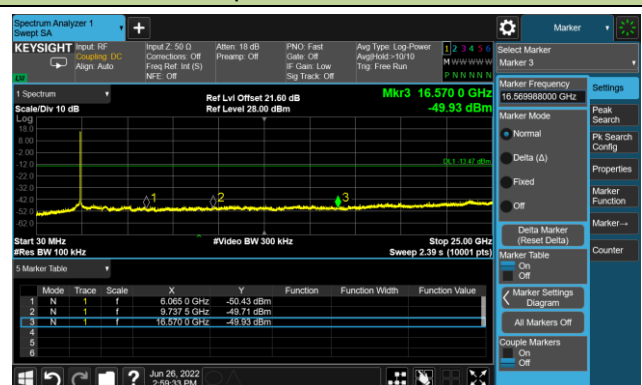


Channel 06 (2437MHz)

Reference Level

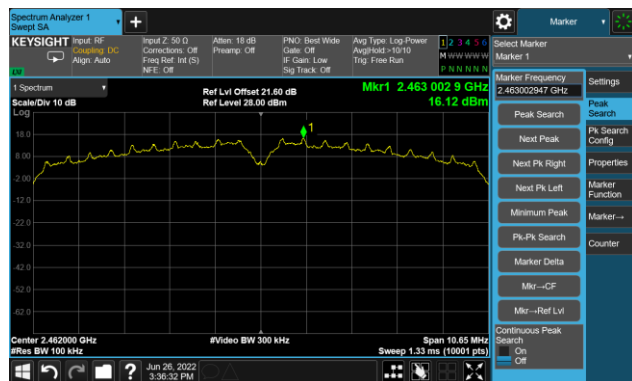


Spurious Emission



Channel 11 (2462MHz)

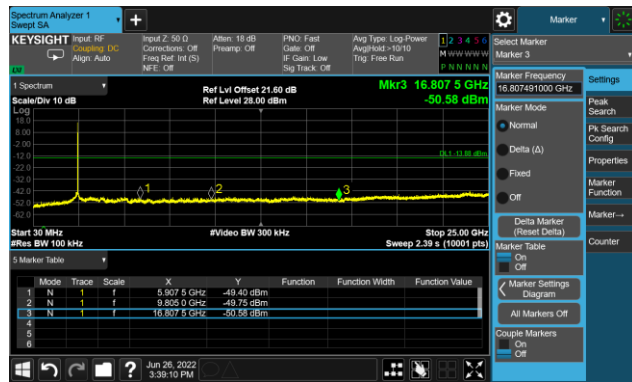
Reference Level



High Band Edge



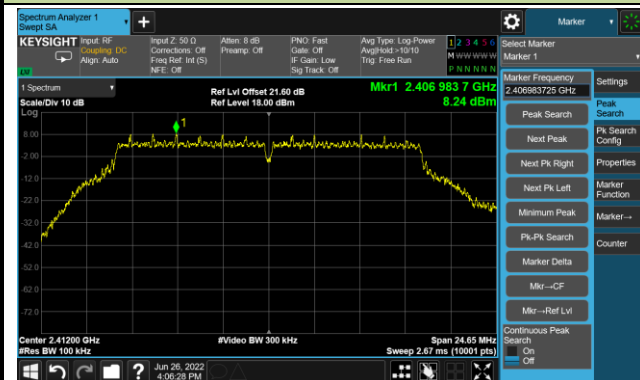
Spurious Emission



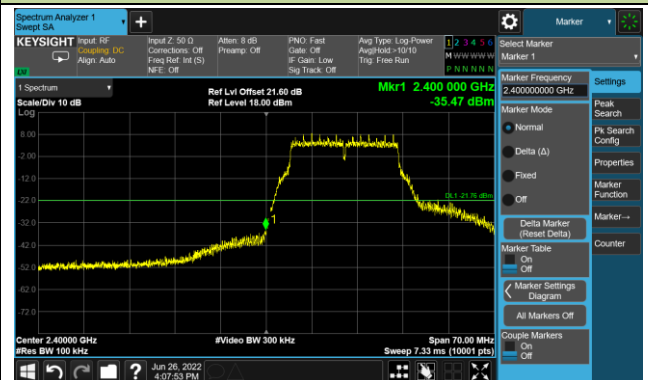
802.11g Out-of-Band Emissions - Ant 3

Channel 01 (2412MHz)

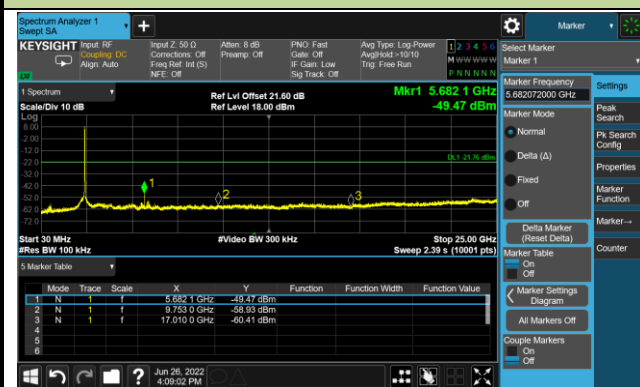
Reference Level



Low Band Edge

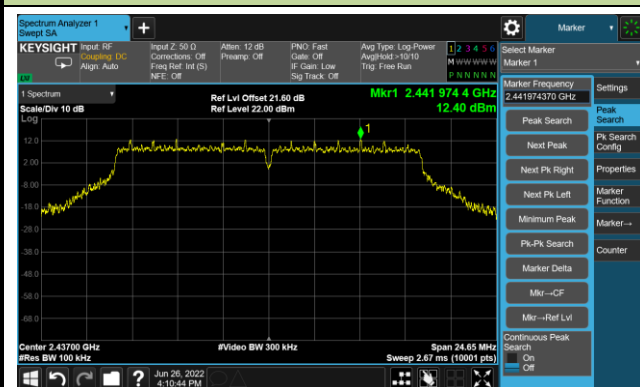


Spurious Emission

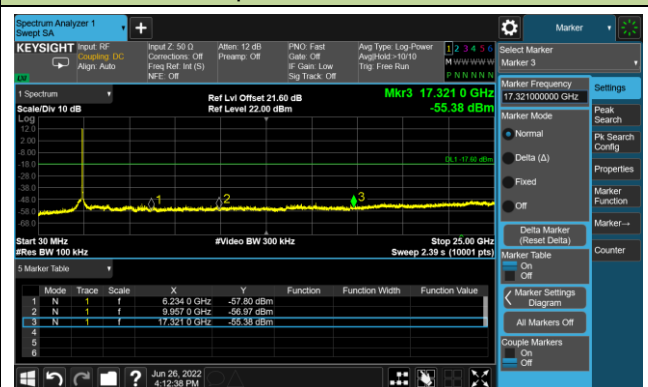


Channel 06 (2437MHz)

Reference Level

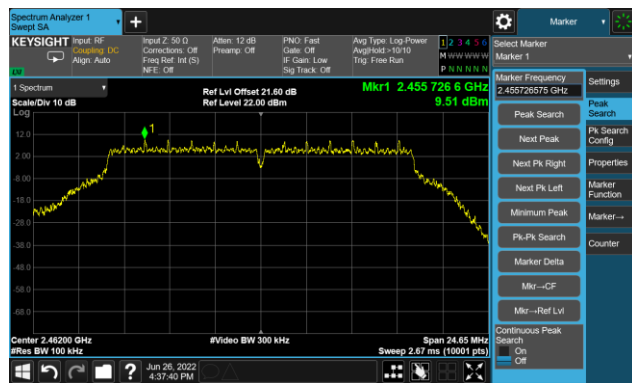


Spurious Emission

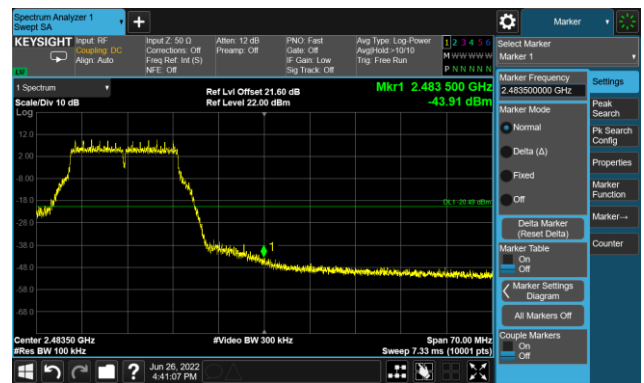


Channel 11 (2462MHz)

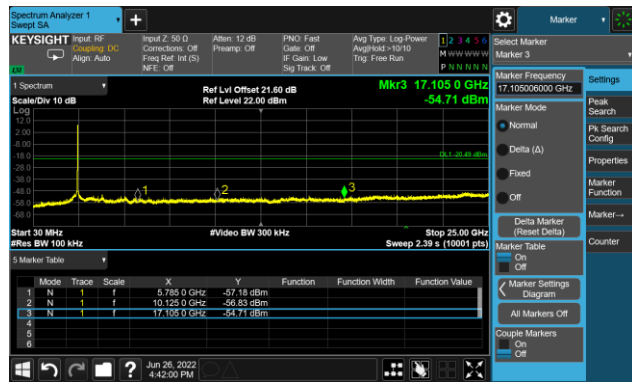
Reference Level



High Band Edge



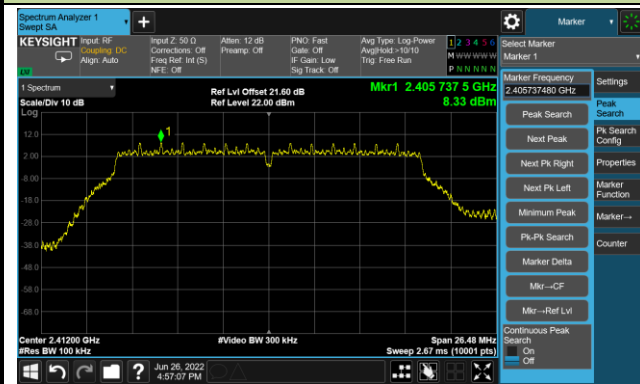
Spurious Emission



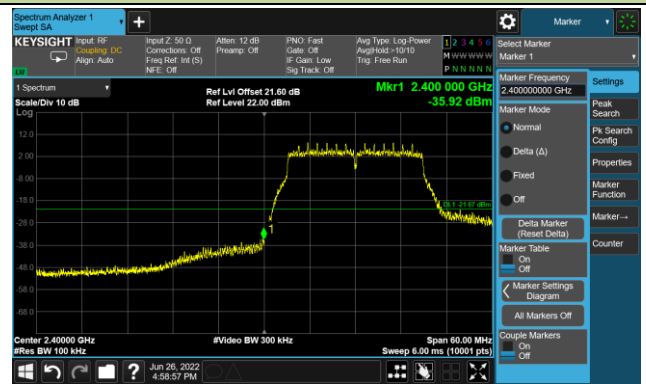
802.11n-HT20 Out-of-Band Emissions - Ant 3

Channel 01 (2412MHz)

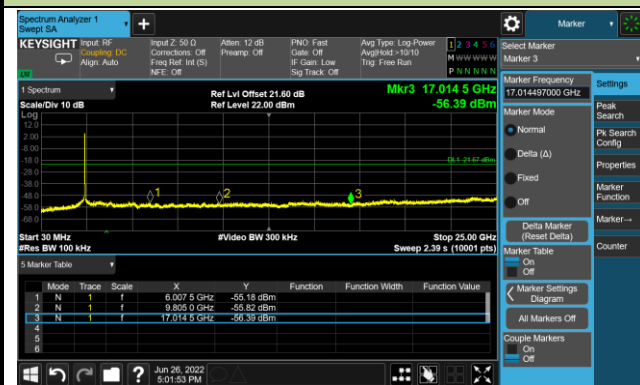
Reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

Reference Level



Spurious Emission



Channel 11 (2462MHz)

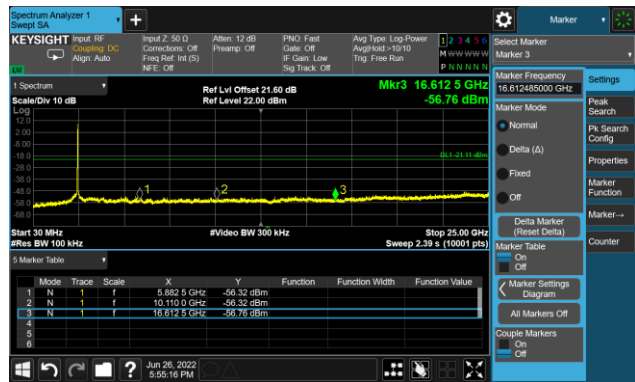
Reference Level



High Band Edge



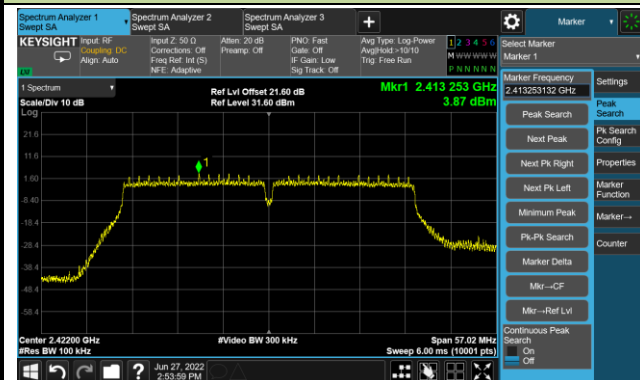
Spurious Emission



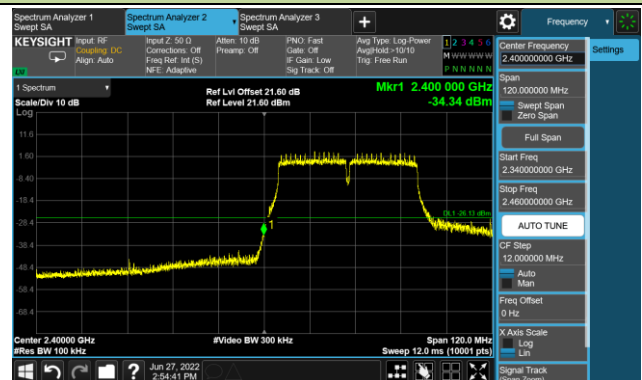
802.11n-HT40 Out-of-Band Emissions - Ant 3

Channel 03 (2422MHz)

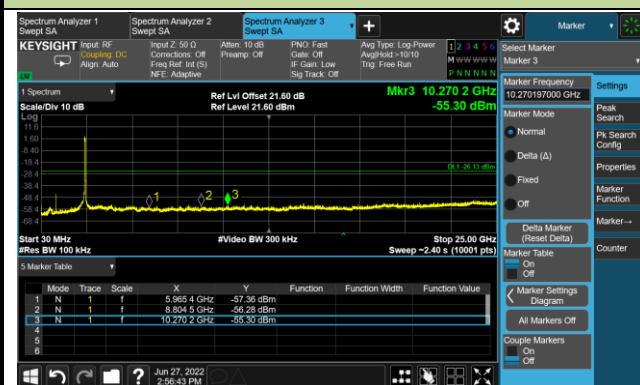
Reference Level



Low Band Edge

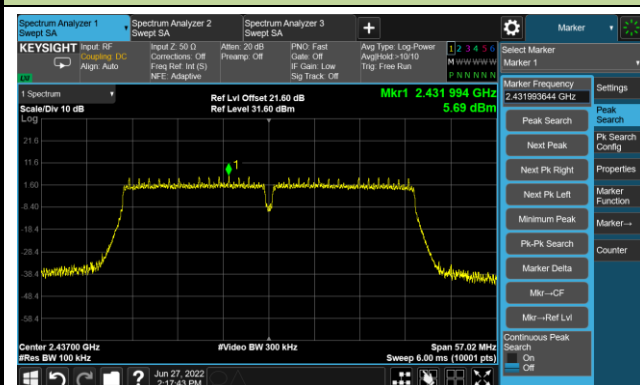


Spurious Emission

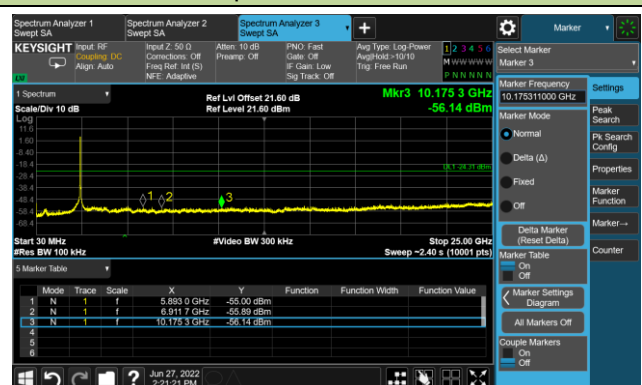


Channel 06 (2437MHz)

Reference Level

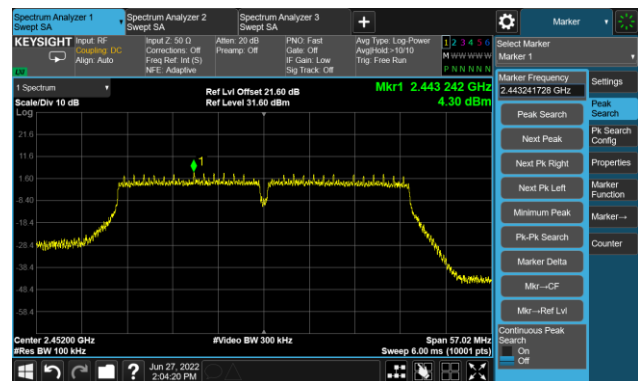


Spurious Emission

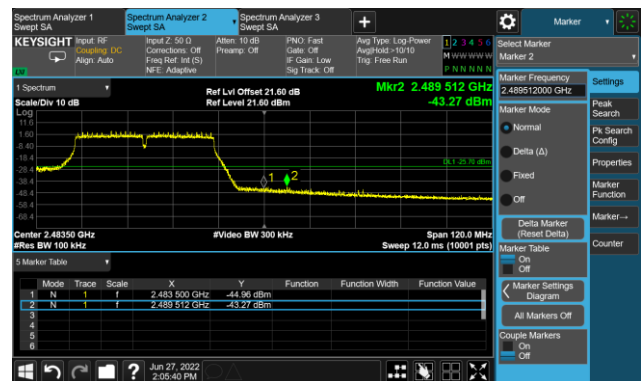


Channel 09 (2452MHz)

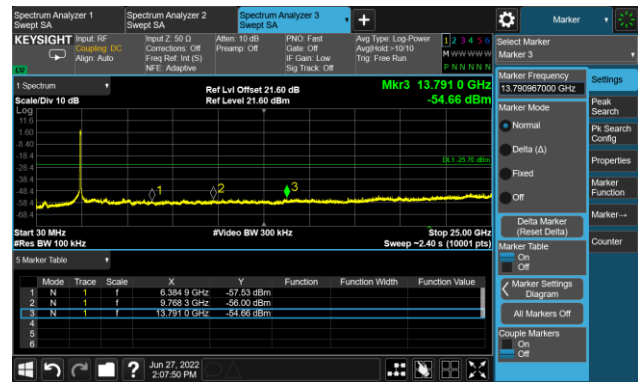
Reference Level



High Band Edge



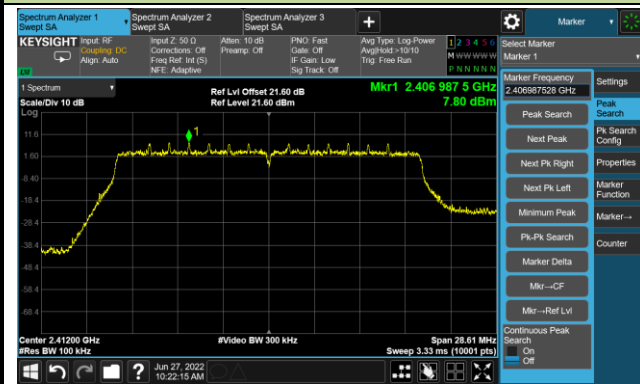
Spurious Emission



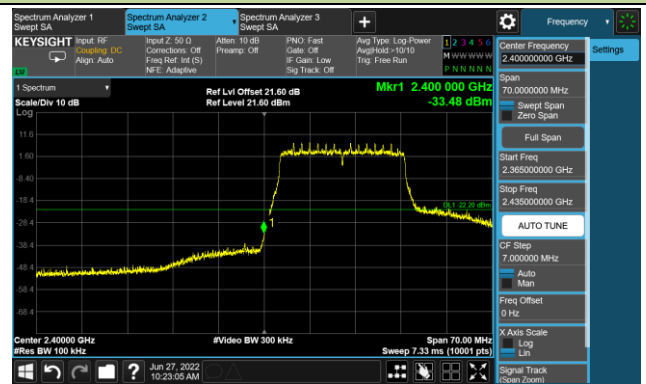
802.11ax-HE20 Out-of-Band Emissions - Ant 3

Channel 01 (2412MHz)

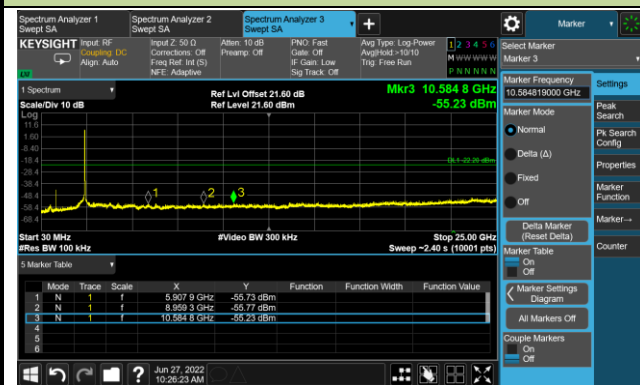
Reference Level



Low Band Edge

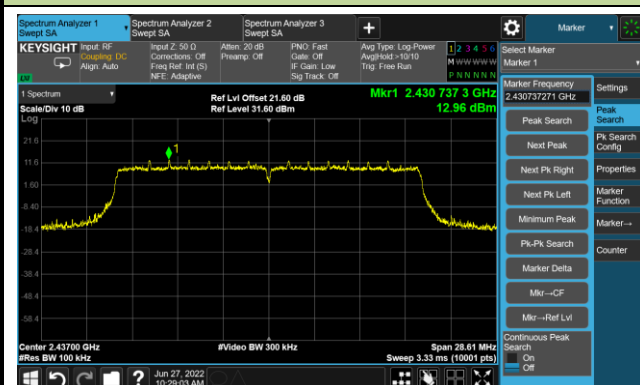


Spurious Emission

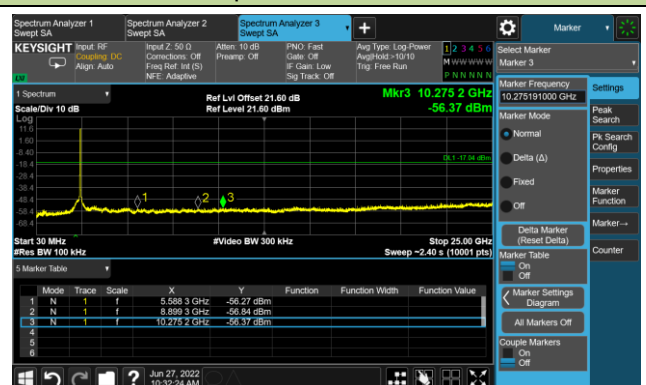


Channel 06 (2437MHz)

Reference Level

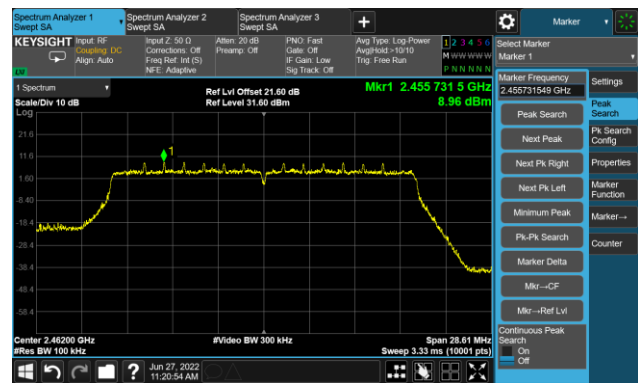


Spurious Emission

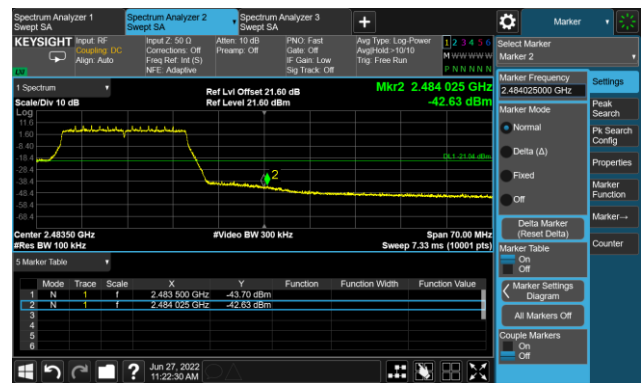


Channel 11 (2462MHz)

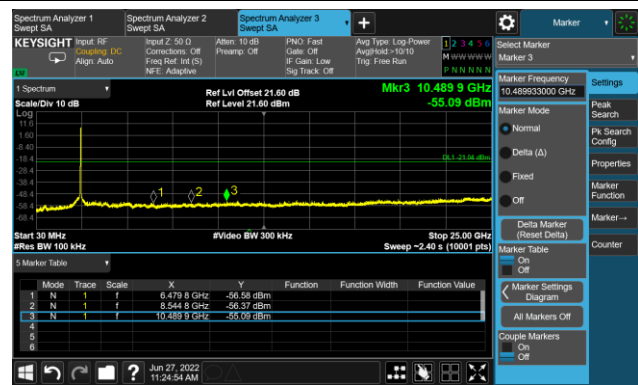
Reference Level



High Band Edge



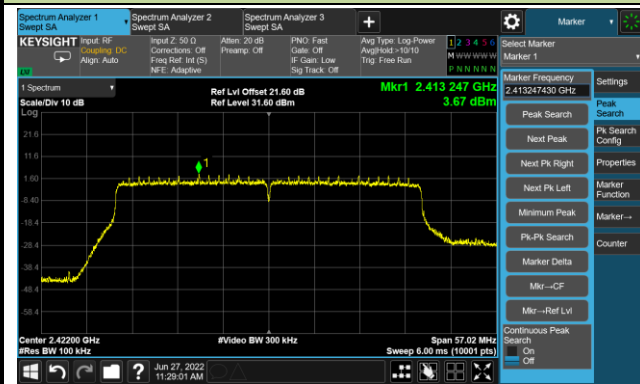
Spurious Emission



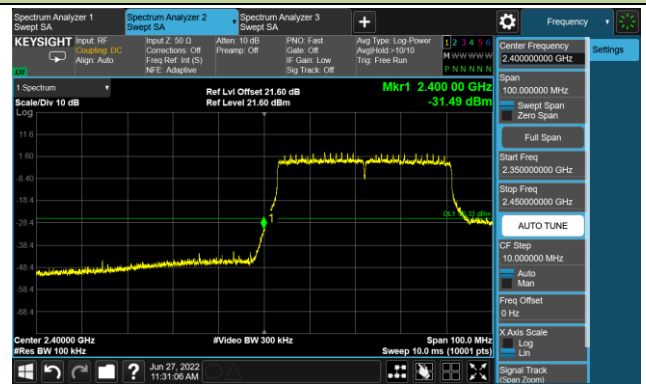
802.11ax-HE40 Out-of-Band Emissions - Ant 3

Channel 03 (2422MHz)

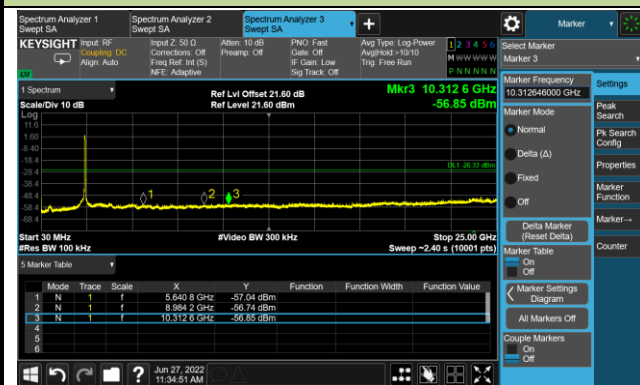
Reference Level



Low Band Edge

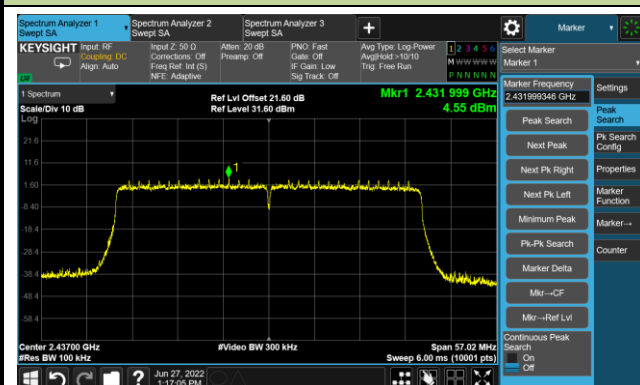


Spurious Emission

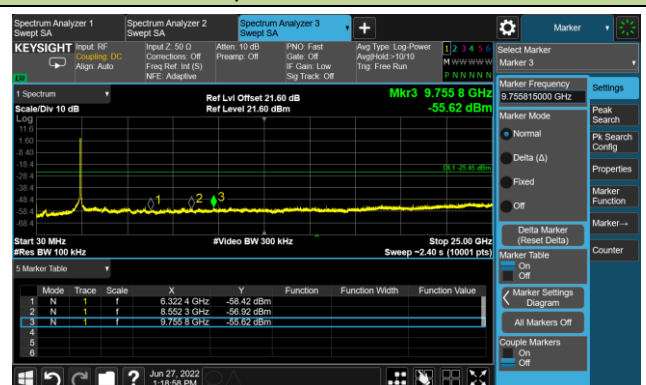


Channel 06 (2437MHz)

Reference Level

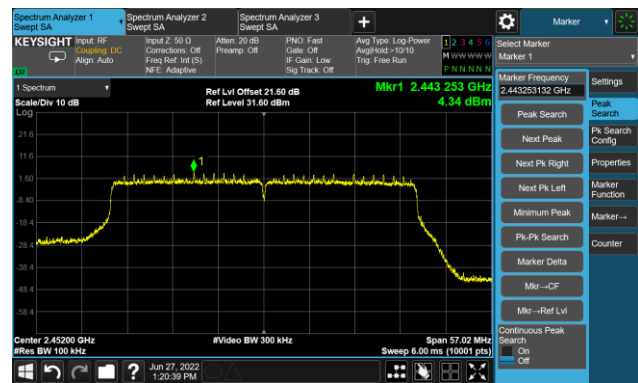


Spurious Emission

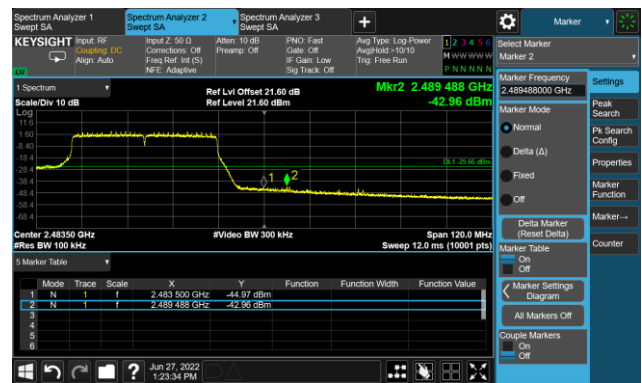


Channel 09 (2452MHz)

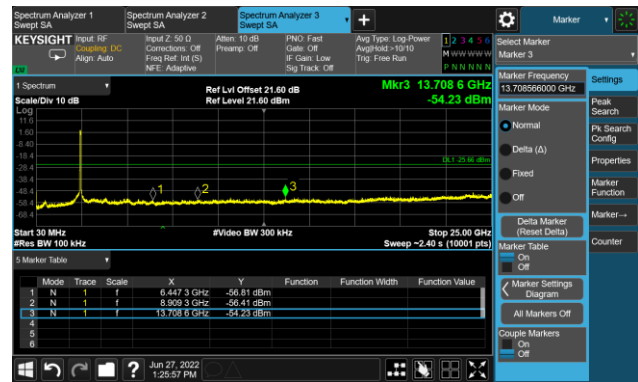
Reference Level



High Band Edge



Spurious Emission



A.6 Radiated Spurious Emission Test Result

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-06-26	Test Mode	802.11b
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8369.5	34.5	8.9	43.4	74.0	-30.6	Peak	Horizontal
	10894.0	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	12220.0	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
	4825.0	45.9	3.1	49.0	74.0	-25.0	Peak	Vertical
	10987.5	34.9	12.9	47.8	74.0	-26.2	Peak	Vertical
	12126.5	36.0	12.2	48.2	74.0	-25.8	Peak	Vertical
06	8352.5	36.0	8.8	44.8	74.0	-29.2	Peak	Horizontal
	11404.0	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
	12033.0	36.3	12.1	48.4	74.0	-25.6	Peak	Horizontal
	4876.0	44.6	3.2	47.8	74.0	-26.2	Peak	Vertical
	11242.5	35.4	12.4	47.8	74.0	-26.2	Peak	Vertical
	12169.0	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical
11	7638.5	37.0	7.9	44.9	74.0	-29.1	Peak	Horizontal
	10885.5	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
	12143.5	35.6	12.1	47.7	74.0	-26.3	Peak	Horizontal
	4927.0	41.4	3.4	44.8	74.0	-29.2	Peak	Vertical
	11030.0	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical
	12322.0	36.1	12.2	48.3	74.0	-25.7	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-06-26	Test Mode	802.11g
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8446.0	35.6	9.0	44.6	74.0	-29.4	Peak	Horizontal
	11030.0	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
	12152.0	35.5	12.1	47.6	74.0	-26.4	Peak	Horizontal
	7553.5	36.6	8.0	44.6	74.0	-29.4	Peak	Vertical
	10928.0	35.1	12.8	47.9	74.0	-26.1	Peak	Vertical
	12458.0	36.1	12.0	48.1	74.0	-25.9	Peak	Vertical
06	7511.0	36.5	8.0	44.5	74.0	-29.5	Peak	Horizontal
	11514.5	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	12279.5	35.7	12.1	47.8	74.0	-26.2	Peak	Horizontal
	4876.0	42.6	3.2	45.8	74.0	-28.2	Peak	Vertical
	11038.5	34.6	12.9	47.5	74.0	-26.5	Peak	Vertical
	12279.5	35.7	12.1	47.8	74.0	-26.2	Peak	Vertical
11	7485.5	36.6	8.1	44.7	74.0	-29.3	Peak	Horizontal
	10911.0	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
	12381.5	36.0	12.0	48.0	74.0	-26.0	Peak	Horizontal
	7655.5	36.3	7.9	44.2	74.0	-29.8	Peak	Vertical
	10970.5	33.7	12.7	46.4	74.0	-27.6	Peak	Vertical
	12356.0	35.7	12.2	47.9	74.0	-26.1	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-06-26	Test Mode	802.11n-HT20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	7383.5	36.7	8.3	45.0	74.0	-29.0	Peak	Horizontal
	10690.0	34.8	13.2	48.0	74.0	-26.0	Peak	Horizontal
	12441.0	36.4	12.1	48.5	74.0	-25.5	Peak	Horizontal
	7392.0	35.9	8.2	44.1	74.0	-29.9	Peak	Vertical
	11038.5	34.7	12.9	47.6	74.0	-26.4	Peak	Vertical
	12058.5	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
06	7655.5	36.4	7.9	44.3	74.0	-29.7	Peak	Horizontal
	10996.0	35.6	12.9	48.5	74.0	-25.5	Peak	Horizontal
	11676.0	36.7	11.9	48.6	74.0	-25.4	Peak	Horizontal
	7545.0	36.1	8.1	44.2	74.0	-29.8	Peak	Vertical
	11514.5	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
	12577.0	35.6	12.0	47.6	74.0	-26.4	Peak	Vertical
11	7604.5	35.2	7.9	43.1	74.0	-30.9	Peak	Horizontal
	10919.5	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
	12279.5	35.3	12.1	47.4	74.0	-26.6	Peak	Horizontal
	7502.5	35.9	8.1	44.0	74.0	-30.0	Peak	Vertical
	10996.0	34.8	12.9	47.7	74.0	-26.3	Peak	Vertical
	12424.0	36.4	12.1	48.5	74.0	-25.5	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-06-26	Test Mode	802.11n-HT40
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	8089.0	36.7	8.9	45.6	74.0	-28.4	Peak	Horizontal
	11064.0	35.6	12.7	48.3	74.0	-25.7	Peak	Horizontal
	12143.5	36.3	12.1	48.4	74.0	-25.6	Peak	Horizontal
	7536.5	34.9	8.0	42.9	74.0	-31.1	Peak	Vertical
	11412.5	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical
	12194.5	35.5	12.1	47.6	74.0	-26.4	Peak	Vertical
06	7426.0	37.3	7.9	45.2	74.0	-28.8	Peak	Horizontal
	11004.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
	12305.0	35.4	12.2	47.6	74.0	-26.4	Peak	Horizontal
	7477.0	35.5	8.1	43.6	74.0	-30.4	Peak	Vertical
	11098.0	35.9	12.8	48.7	74.0	-25.3	Peak	Vertical
	12203.0	35.8	12.2	48.0	74.0	-26.0	Peak	Vertical
09	8208.0	36.7	8.9	45.6	74.0	-28.4	Peak	Horizontal
	10707.0	35.3	13.0	48.3	74.0	-25.7	Peak	Horizontal
	12339.0	36.2	12.1	48.3	74.0	-25.7	Peak	Horizontal
	8208.0	35.7	8.9	44.6	74.0	-29.4	Peak	Vertical
	11140.5	35.8	12.5	48.3	74.0	-25.7	Peak	Vertical
	11914.0	35.5	12.1	47.6	74.0	-26.4	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-06-26 ~ 2022-06-28	Test Mode	802.11ax-HE20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	8318.5	36.0	8.7	44.7	74.0	-29.3	Peak	Horizontal
	10834.5	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
	12220.0	36.0	12.3	48.3	74.0	-25.7	Peak	Horizontal
	8199.5	34.4	8.8	43.2	74.0	-30.8	Peak	Vertical
	10826.0	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	12211.5	35.8	12.3	48.1	74.0	-25.9	Peak	Vertical
06	8293.0	36.8	8.7	45.5	74.0	-28.5	Peak	Horizontal
	10987.5	35.4	12.9	48.3	74.0	-25.7	Peak	Horizontal
	12177.5	35.5	12.1	47.6	74.0	-26.4	Peak	Horizontal
	8199.5	33.6	8.8	42.4	74.0	-31.6	Peak	Vertical
	11038.5	35.7	12.9	48.6	74.0	-25.4	Peak	Vertical
	12160.5	35.8	12.2	48.0	74.0	-26.0	Peak	Vertical
11	8403.5	36.3	8.9	45.2	74.0	-28.8	Peak	Horizontal
	11064.0	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
	12160.5	36.5	12.2	48.7	74.0	-25.3	Peak	Horizontal
	7511.0	37.2	8.0	45.2	74.0	-28.8	Peak	Vertical
	11234.0	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
	12118.0	36.1	12.2	48.3	74.0	-25.7	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)