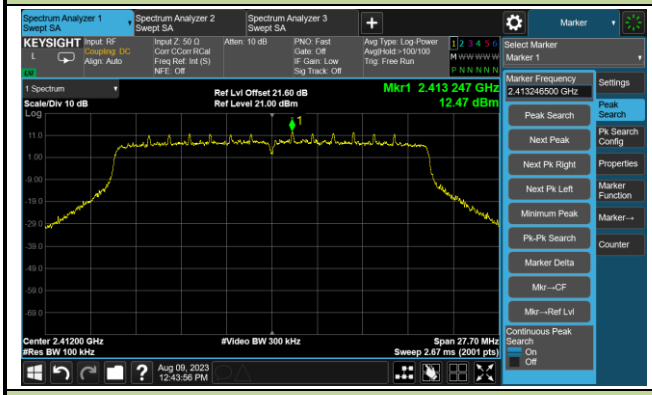
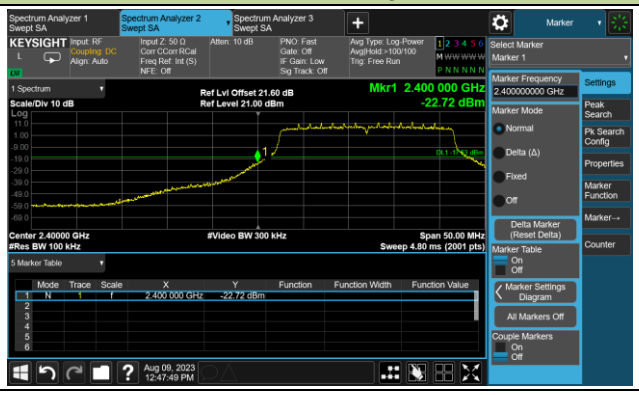
802.11ax-HE20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

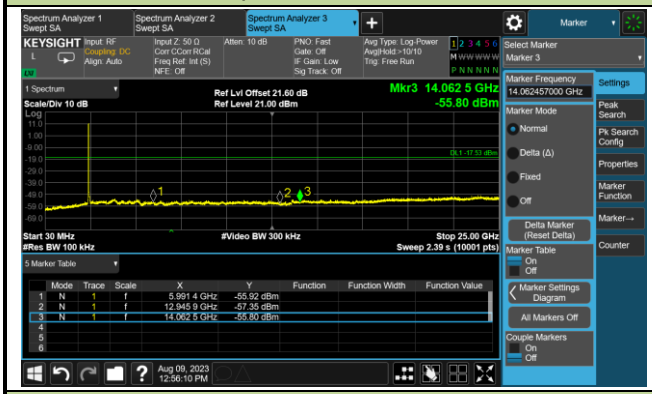
100kHz PSD Reference Level



Low Band Edge

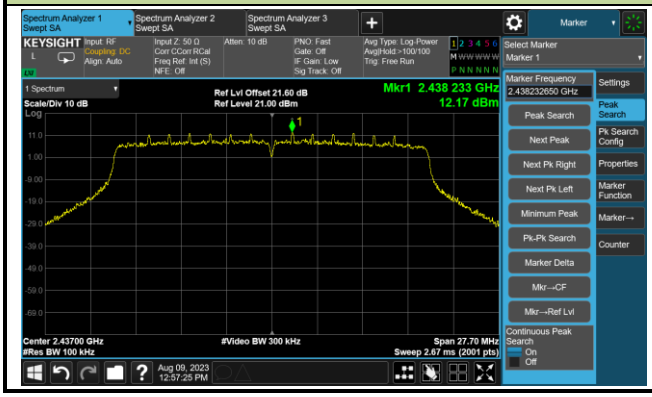


Spurious Emission

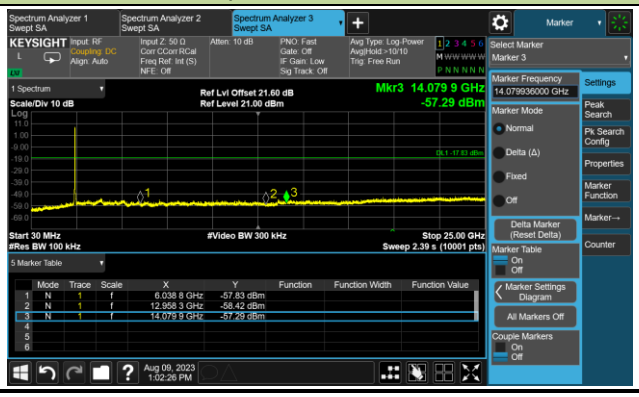


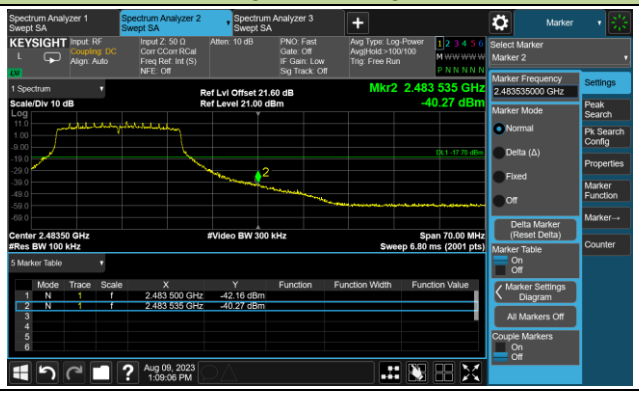
Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



802.11ax-HE20 Out-of-Band Emissions – Ant 1	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
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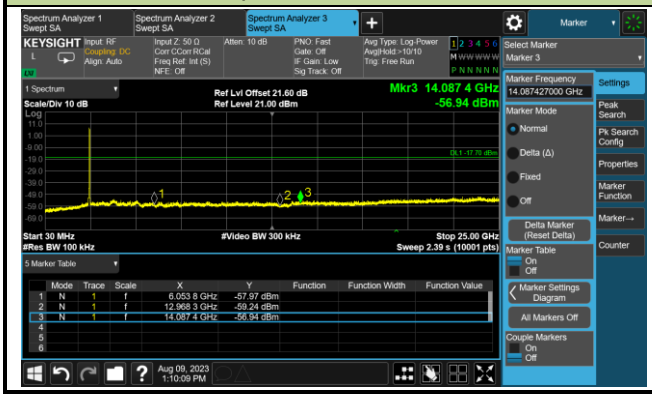
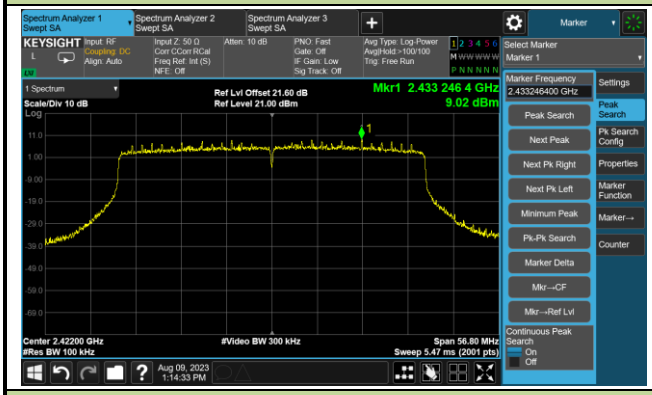
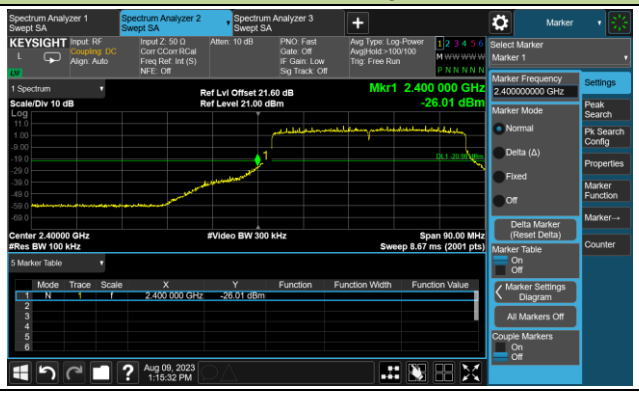
	

802.11ax-HE40 Out-of-Band Emissions – Ant 1	
Channel 03 (2422MHz)	
100kHz PSD Reference Level	Low Band Edge
	
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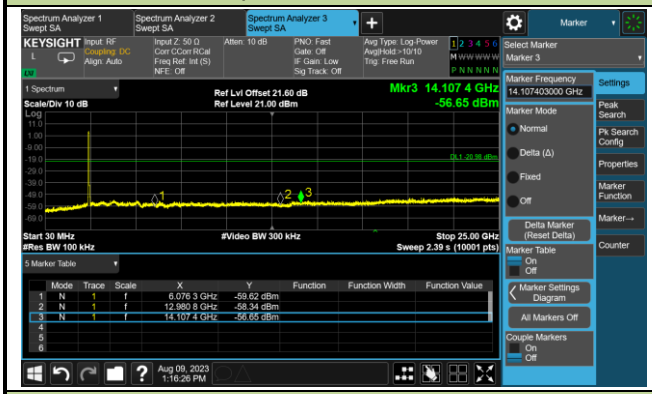
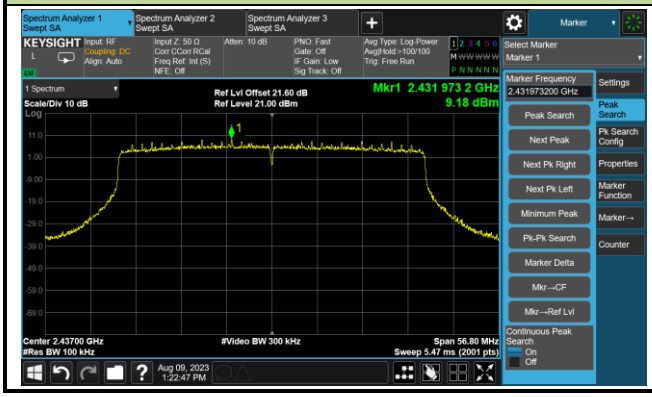
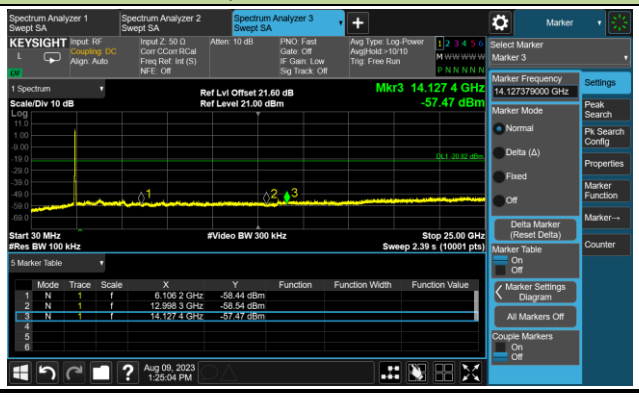
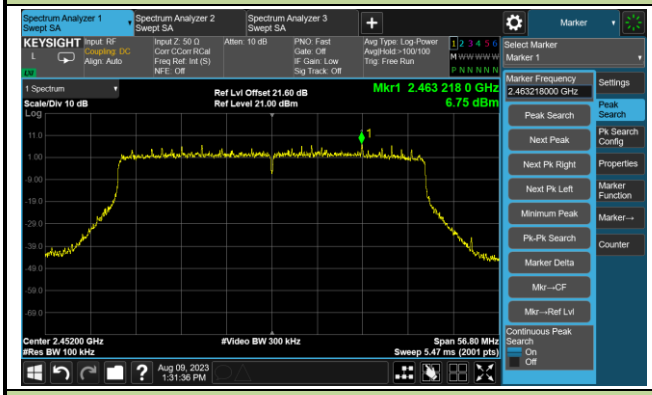
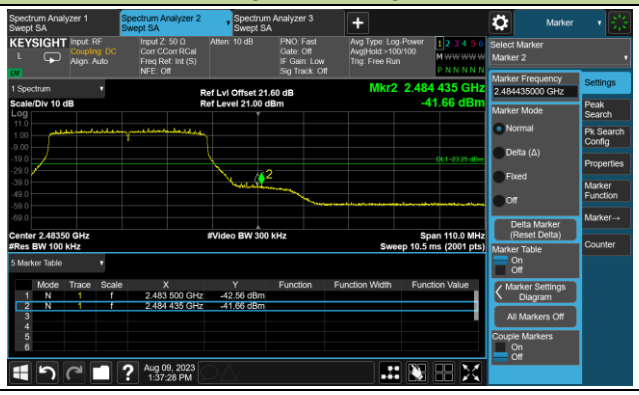
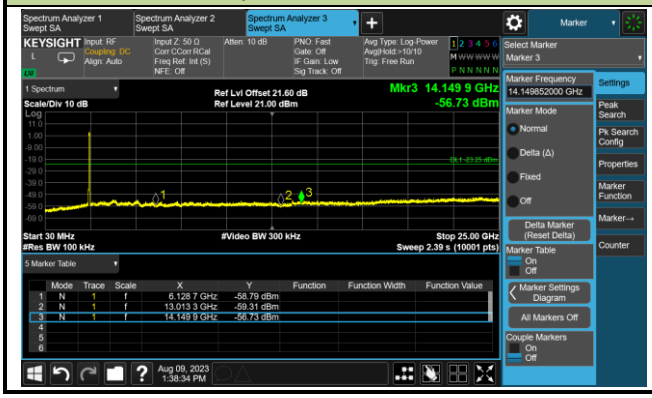
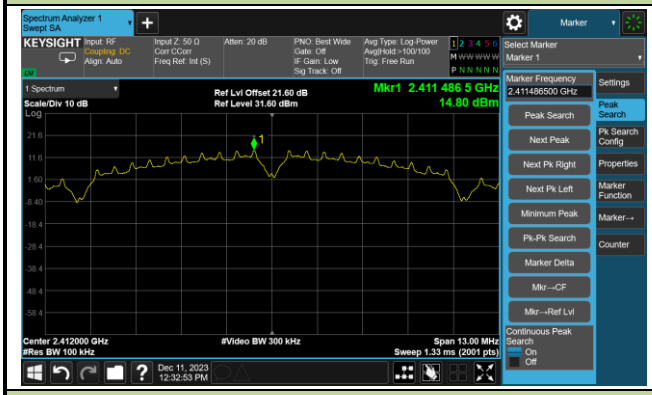
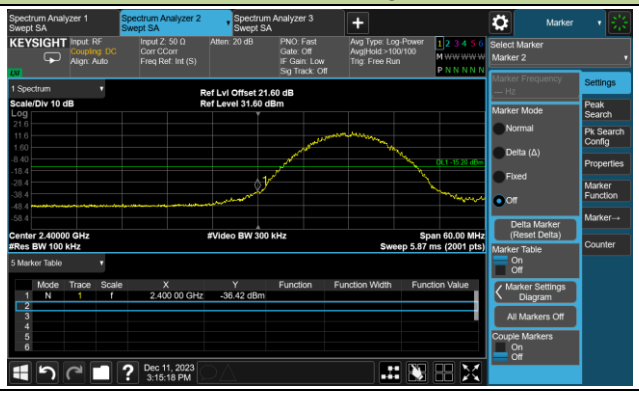
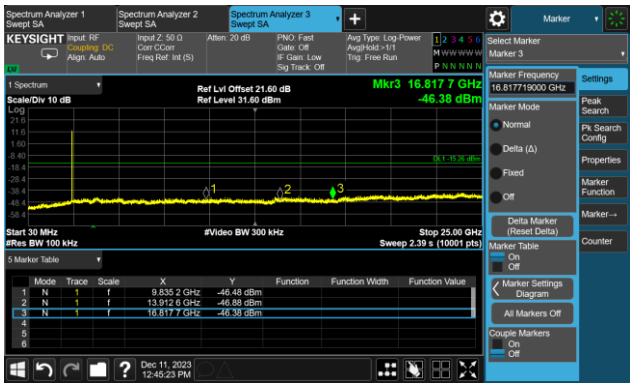
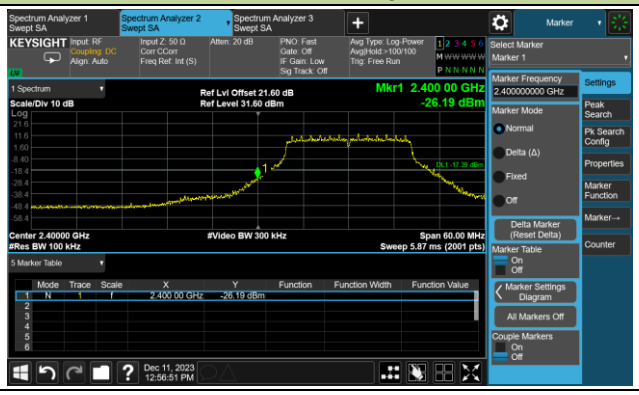
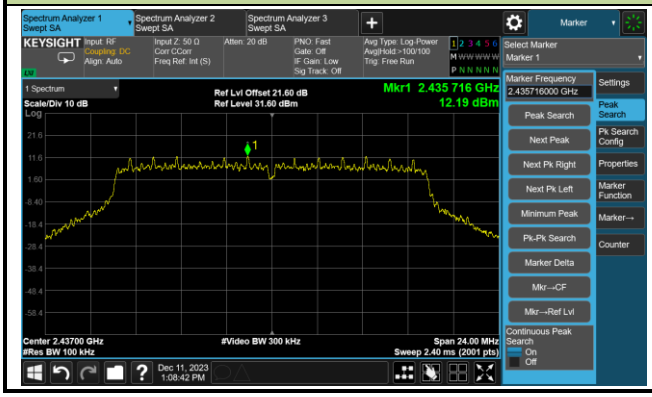
	
Channel 06 (2437MHz)	
100kHz PSD Reference Level	Spurious Emission
	

802.11ax-HE40 Out-of-Band Emissions – Ant 1	
Channel 09 (2452MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-11	Filter Configuration	Filter 2#

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit
11b	1Mbps	01	2412	30dBc
11b	1Mbps	06	2437	30dBc
11g	6Mbps	01	2412	30dBc
11g	6Mbps	06	2437	30dBc
11n-HT20	MCS0	01	2412	30dBc
11n-HT20	MCS0	06	2437	30dBc
11ax-HE20	MCS0	01	2412	30dBc
11ax-HE20	MCS0	06	2437	30dBc

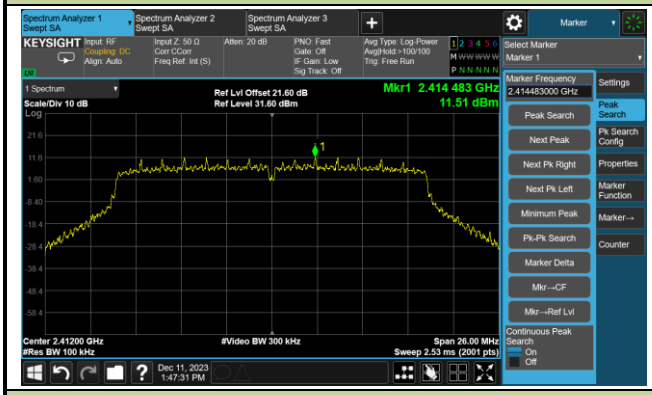
802.11b Out-of-Band Emissions – Ant 0	
Channel 01 (2412MHz)	
100kHz PSD Reference Level	Low Band Edge
	
Spurious Emission	
Channel 06 (2437MHz)	
100kHz PSD Reference Level	Spurious Emission
	

802.11g Out-of-Band Emissions – Ant 0	
Channel 01 (2412MHz)	
100kHz PSD Reference Level	Low Band Edge
	
Spurious Emission	
Channel 06 (2437MHz)	
100kHz PSD Reference Level	Spurious Emission
	

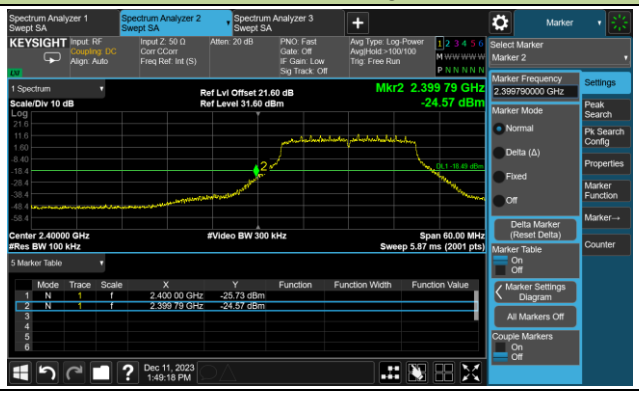
802.11n-HT20 Out-of-Band Emissions – Ant 0

Channel 01 (2412MHz)

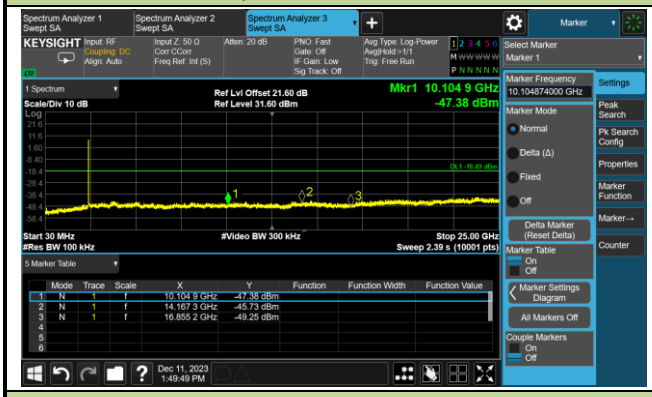
100kHz PSD Reference Level



Low Band Edge

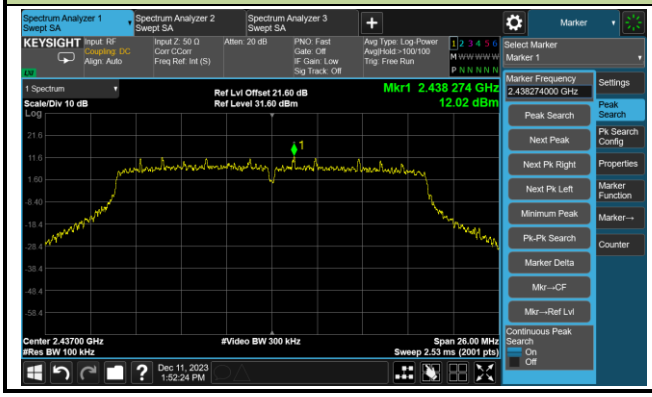


Spurious Emission

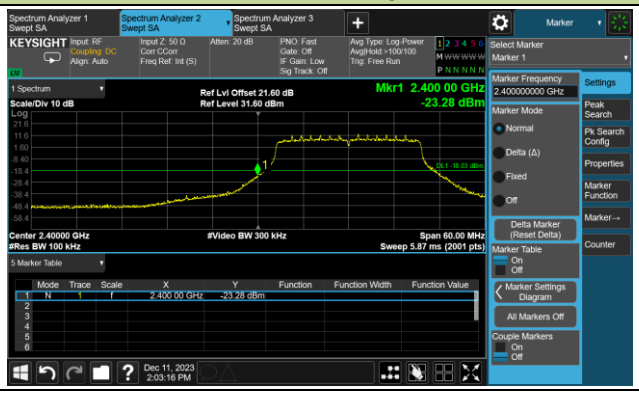
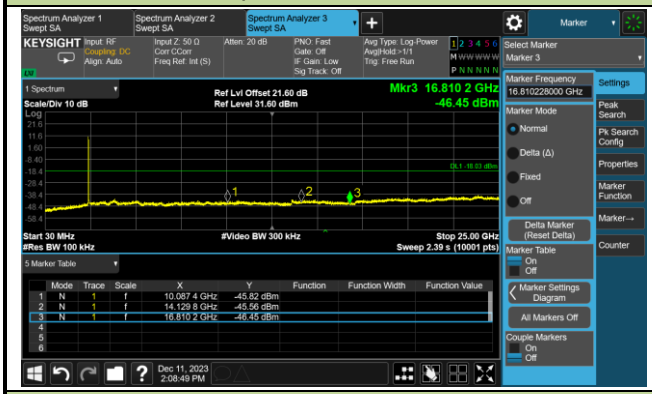
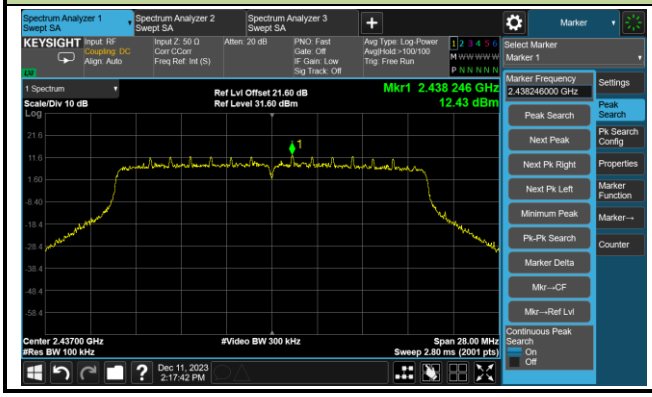
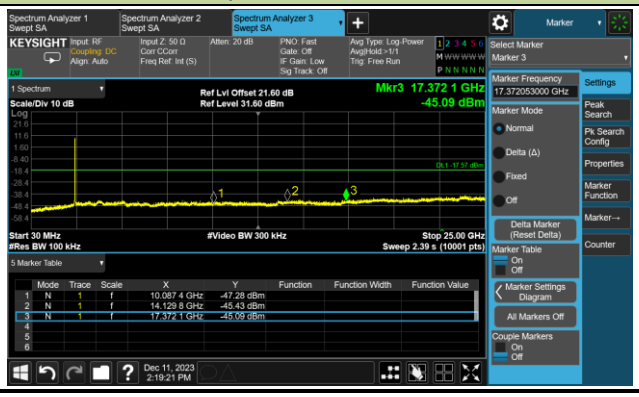


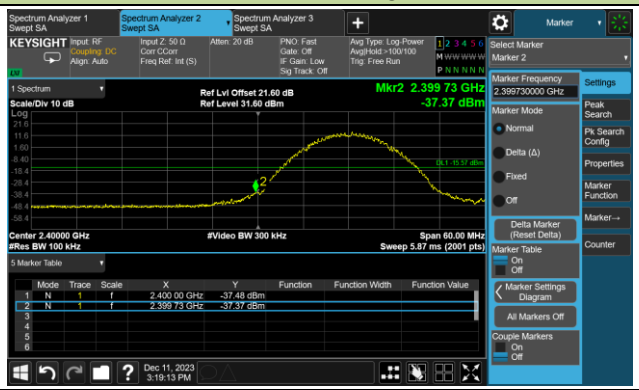
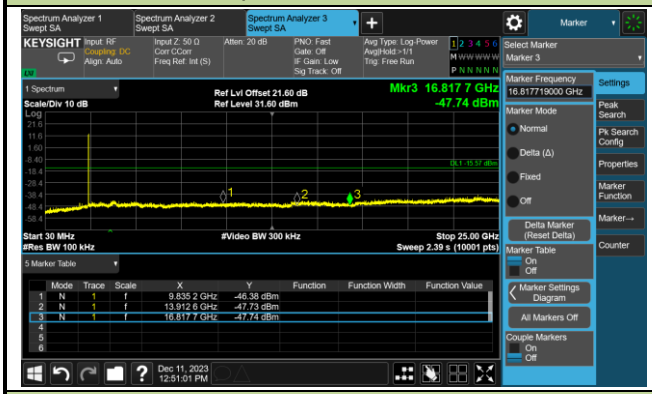
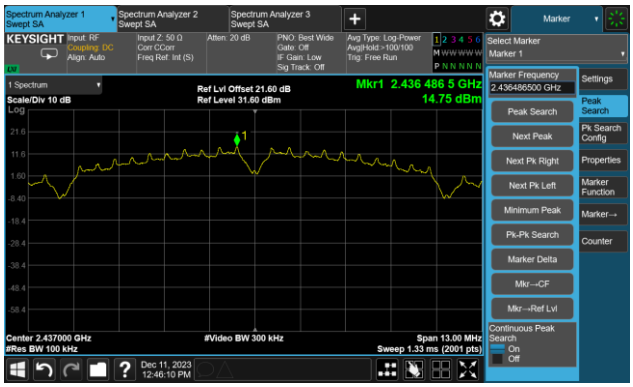
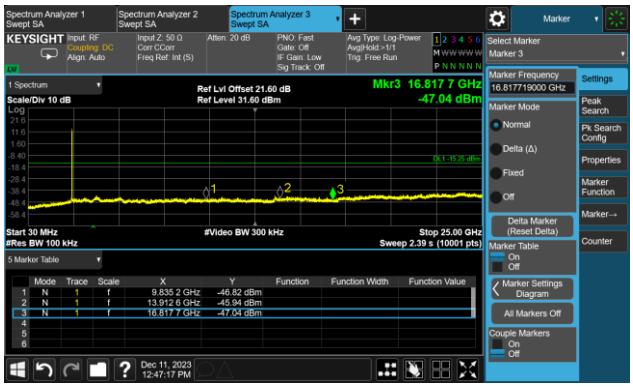
Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission

802.11ax-HE20 Out-of-Band Emissions – Ant 0	
Channel 01 (2412MHz)	
100kHz PSD Reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD Reference Level	Spurious Emission
	

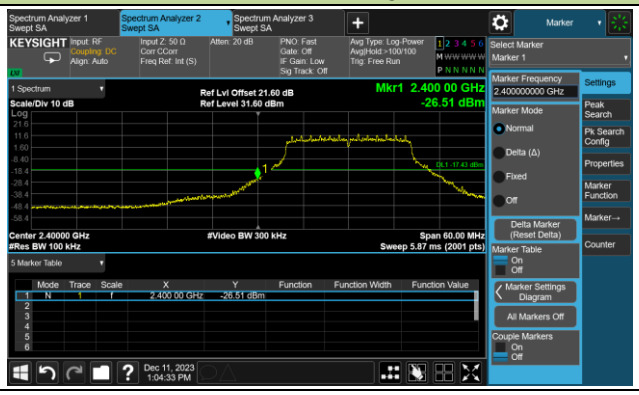
802.11b Out-of-Band Emissions – Ant 1	
Channel 01 (2412MHz)	
100kHz PSD Reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD Reference Level	Spurious Emission
	

802.11g Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

100kHz PSD Reference Level

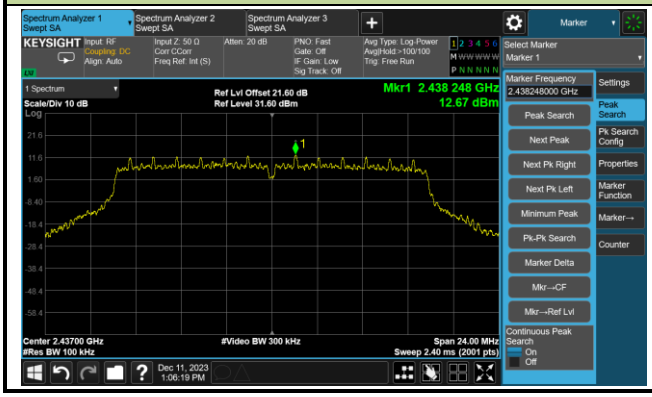
Low Band Edge



Spurious Emission

Channel 06 (2437MHz)

100kHz PSD Reference Level

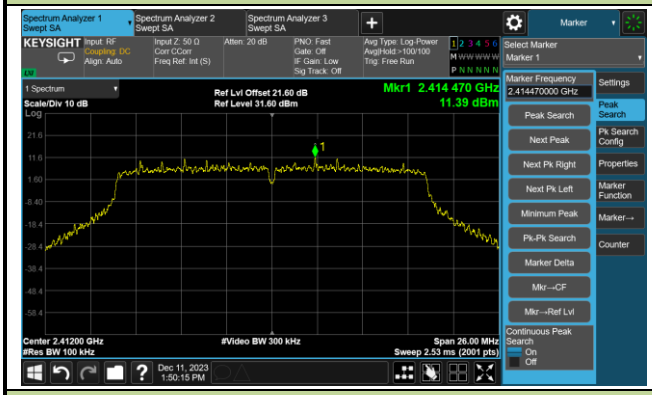


Spurious Emission

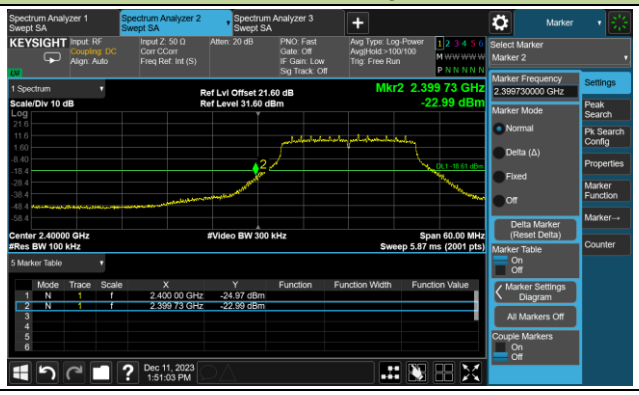
802.11n-HT20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

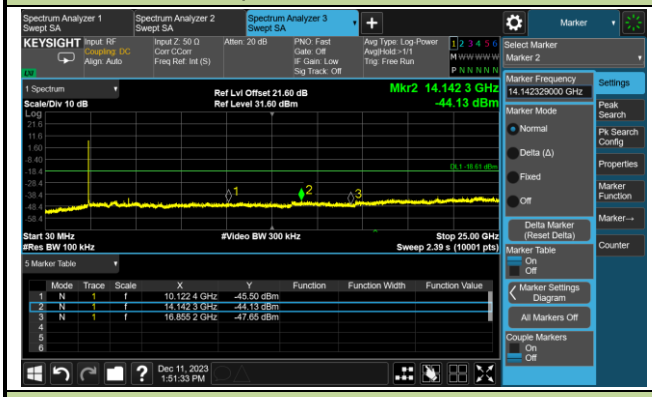
100kHz PSD Reference Level



Low Band Edge

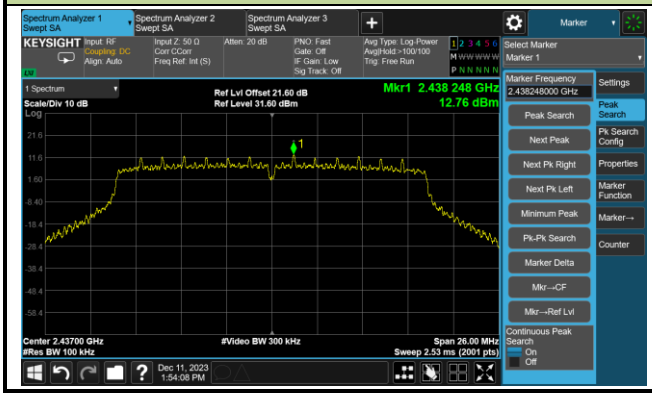


Spurious Emission

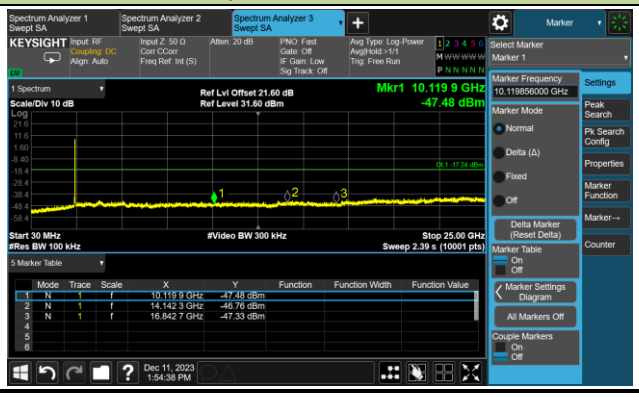


Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission

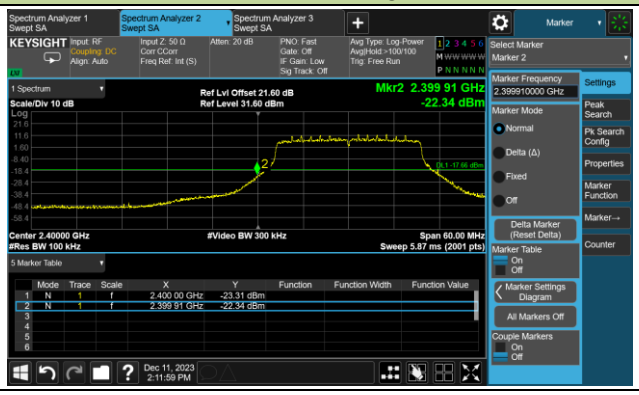


802.11ax-HE20 Out-of-Band Emissions – Ant 1

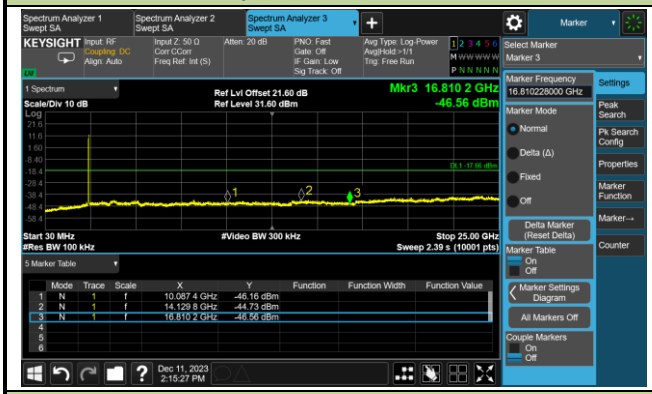
Channel 01 (2412MHz)

100kHz PSD Reference Level

Low Band Edge

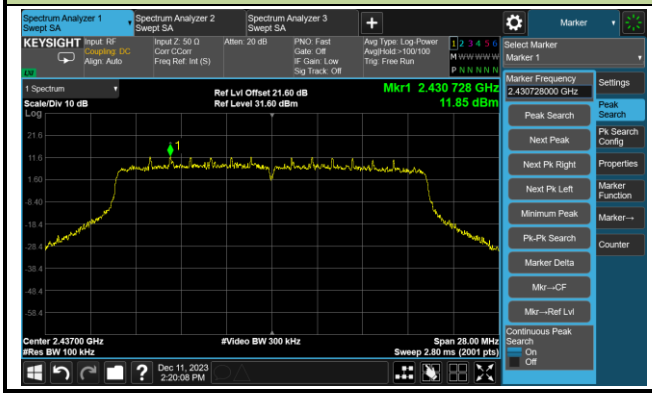


Spurious Emission

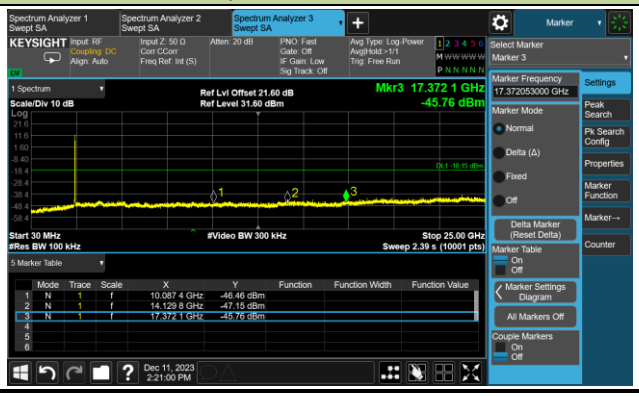


Channel 06 (2437MHz)

100kHz PSD Reference Level

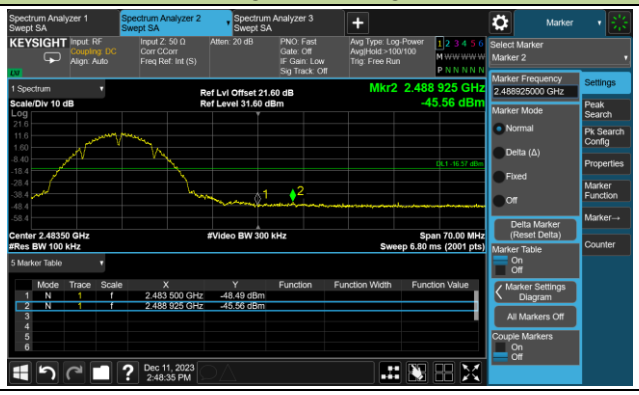
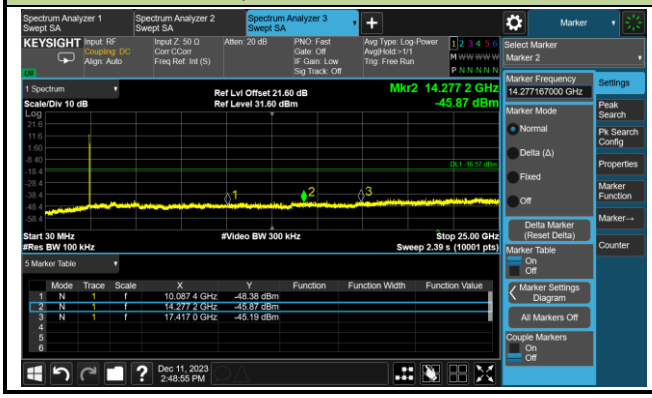


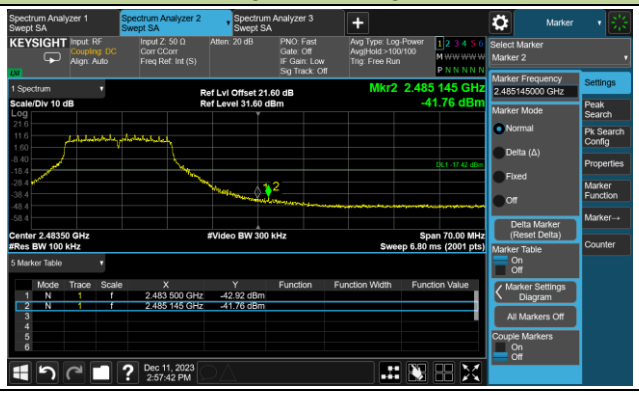
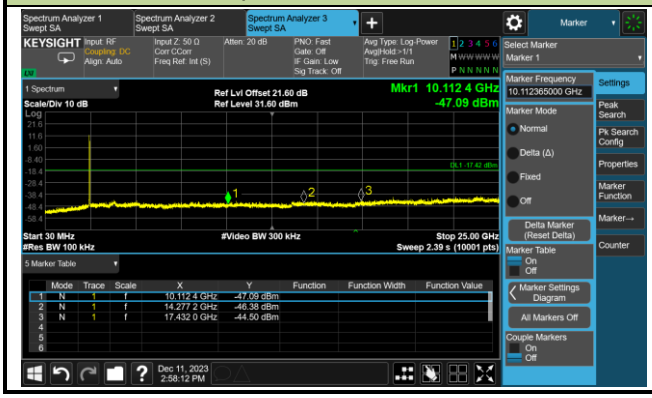
Spurious Emission

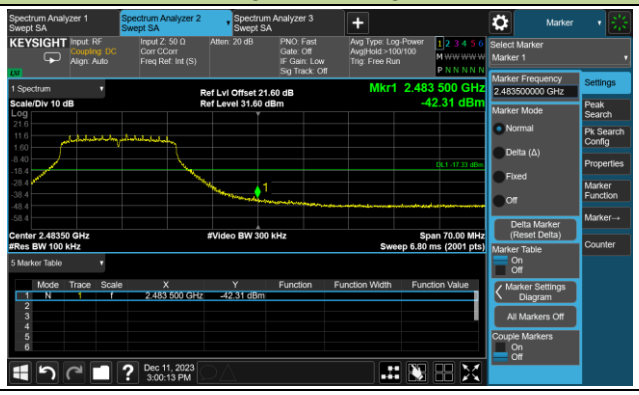
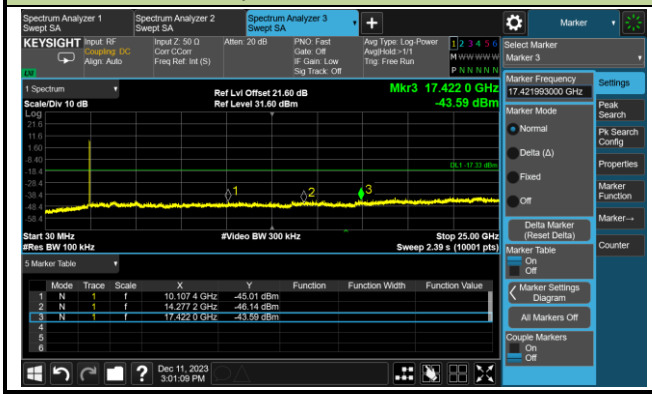


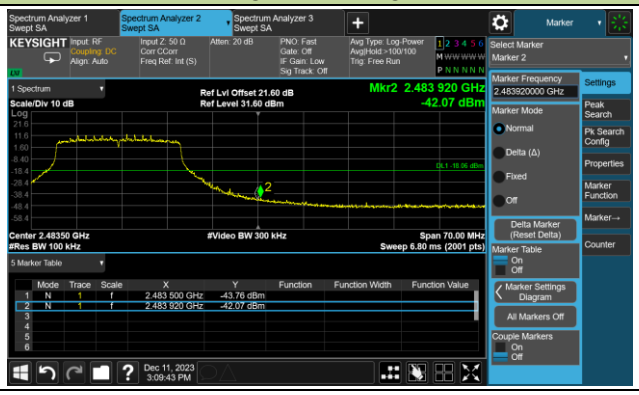
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-11	Filter Configuration	Filter 3#

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit
11b	1Mbps	11	2462	30dBc
11g	6Mbps	11	2462	30dBc
11n-HT20	MCS0	11	2462	30dBc
11ax-HE20	MCS0	11	2462	30dBc

802.11b Out-of-Band Emissions – Ant 0	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

802.11g Out-of-Band Emissions – Ant 0	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT20 Out-of-Band Emissions – Ant 0	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

802.11ax-HE20 Out-of-Band Emissions – Ant 0	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
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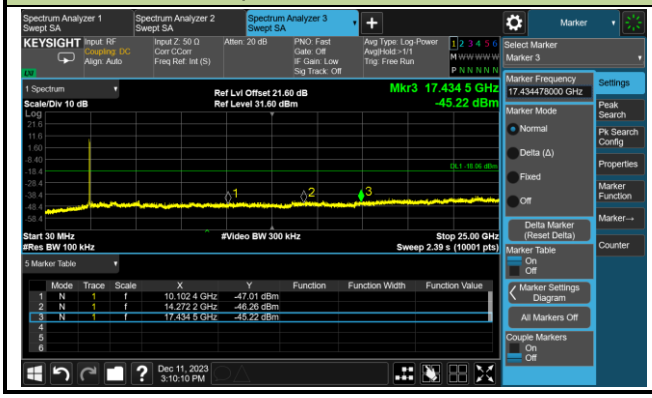
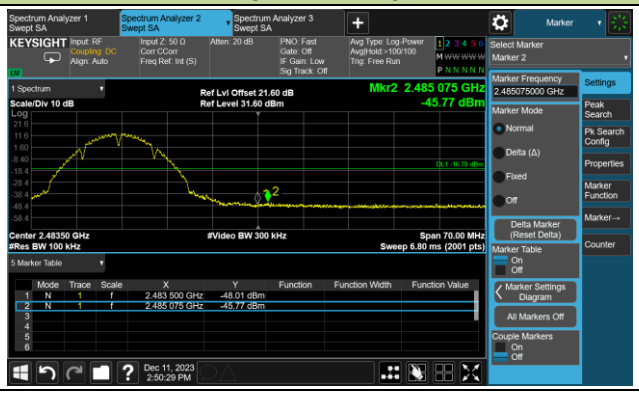
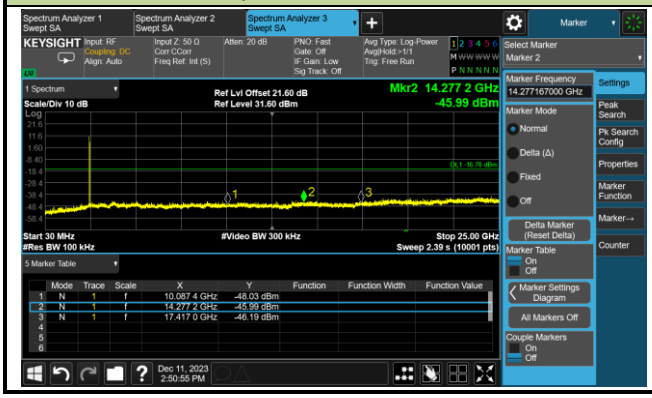
	

802.11b Out-of-Band Emissions – Ant 1	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission