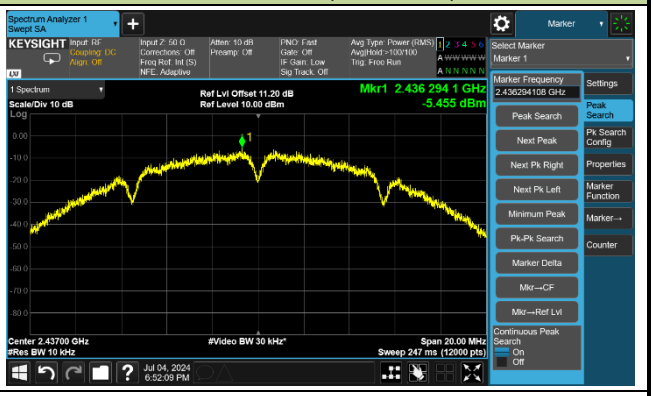
802.11b - AVGPSD - Ant 2

Channel 01 (2412MHz)

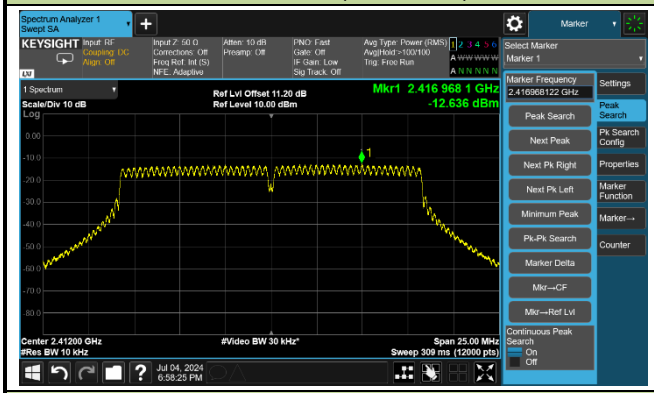
Channel 06 (2437MHz)



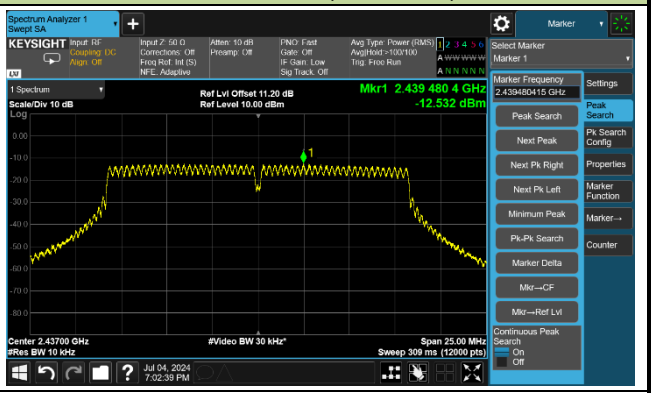
Channel 11 (2462MHz)

802.11g - AVGPSD - Ant 2

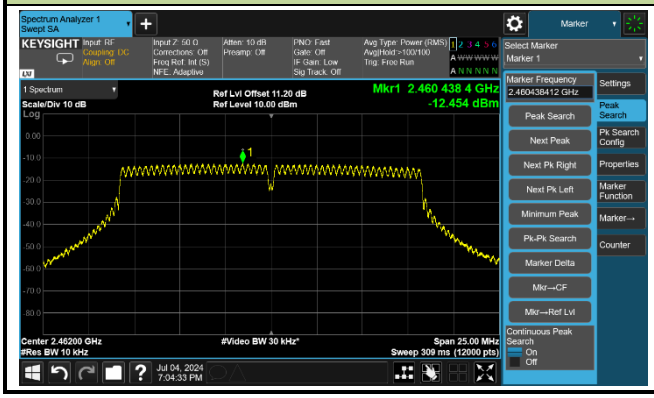
Channel 01 (2412MHz)



Channel 06 (2437MHz)

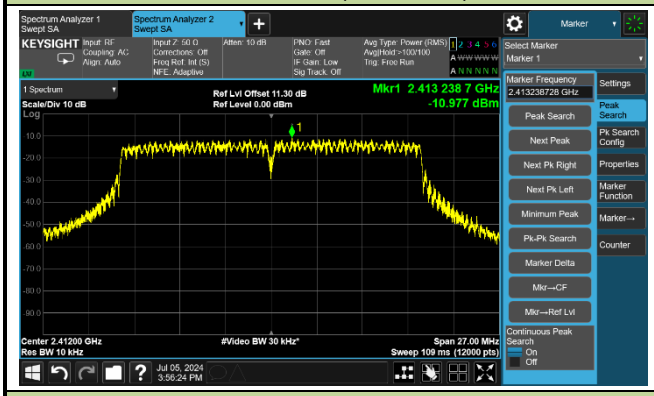


Channel 11 (2462MHz)

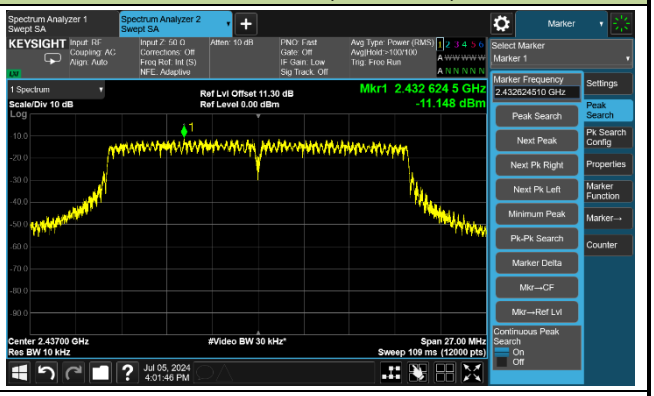


802.11n-HT20 - AVGPSD - Ant 2

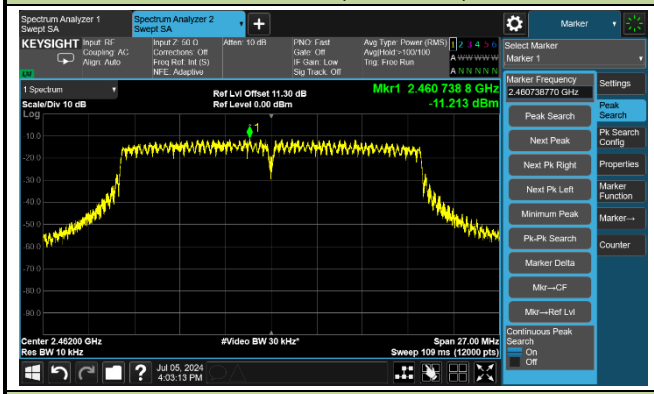
Channel 01 (2412MHz)



Channel 06 (2437MHz)

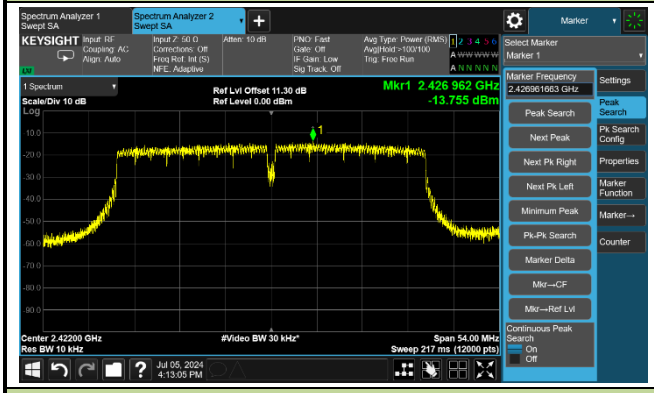


Channel 11 (2462MHz)

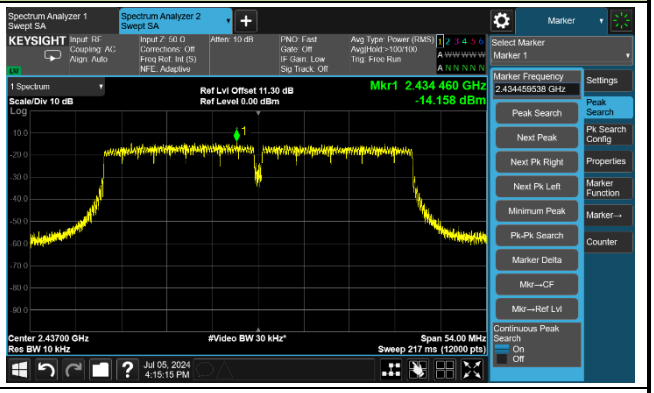


802.11n-HT40 - AVGPSD - Ant 2

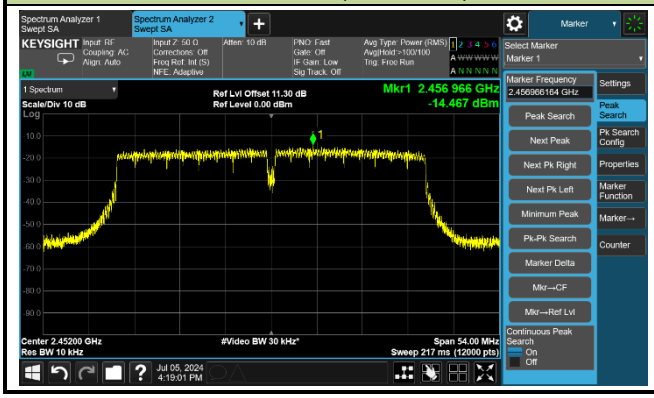
Channel 03 (2422MHz)



Channel 06 (2437MHz)

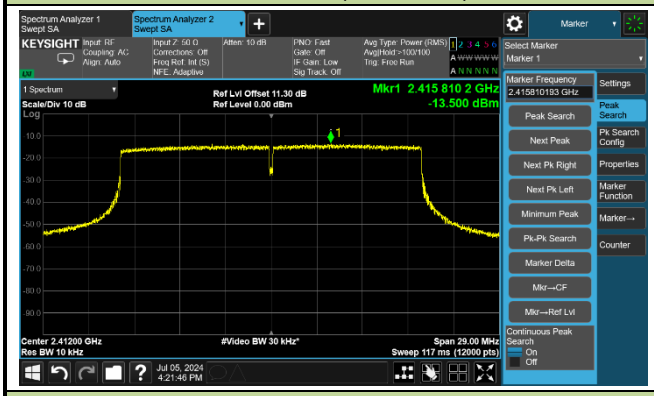


Channel 09 (2452MHz)

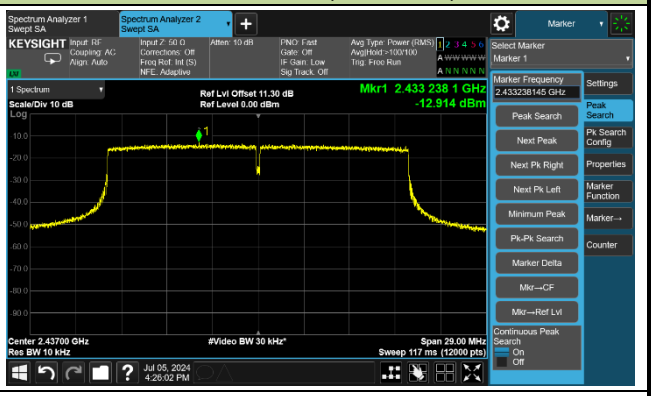


802.11ax-HE20 - AVGPSD - Ant 2

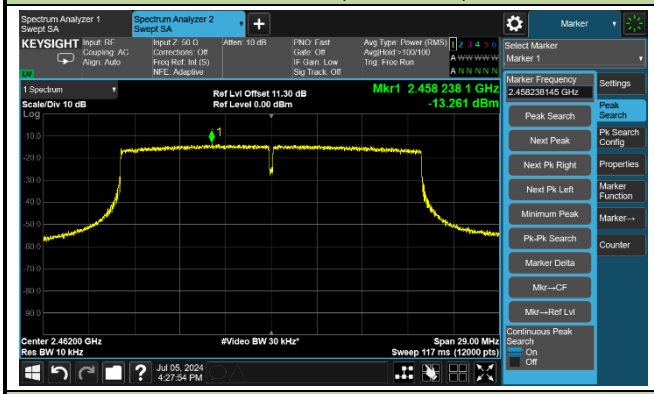
Channel 01 (2412MHz)



Channel 06 (2437MHz)

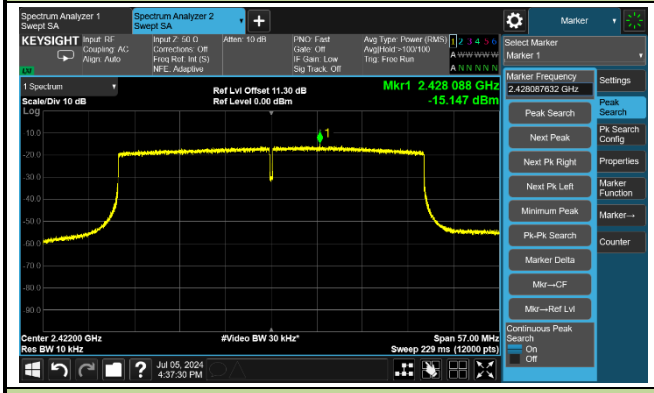


Channel 11 (2462MHz)

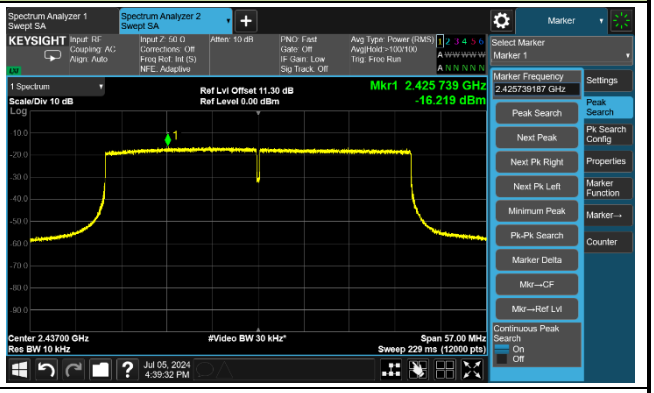


802.11ax-HE40 - AVGPSD - Ant 2

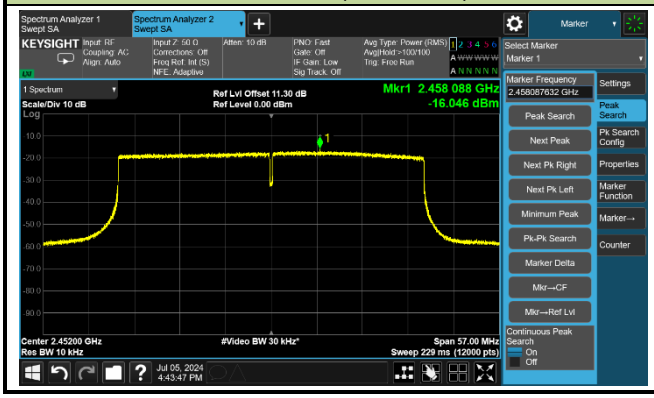
Channel 03 (2422MHz)



Channel 06 (2437MHz)

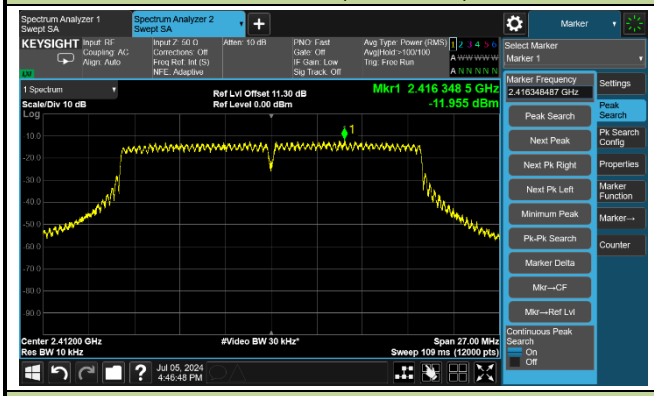


Channel 09 (2452MHz)

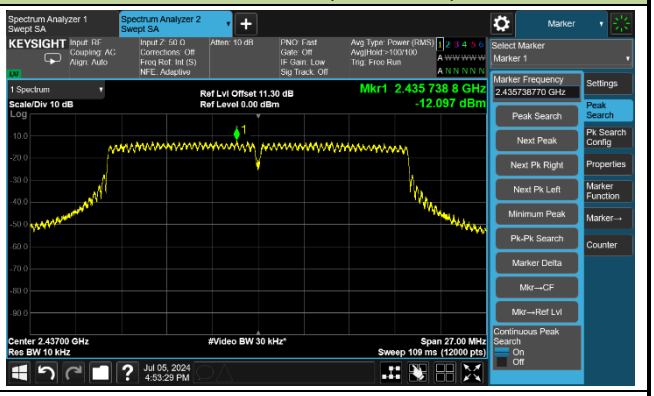


VHT20 - AVGPSD - Ant 2

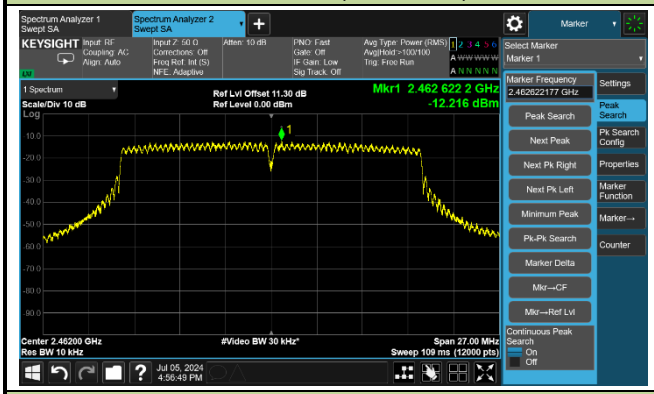
Channel 01 (2412MHz)



Channel 06 (2437MHz)

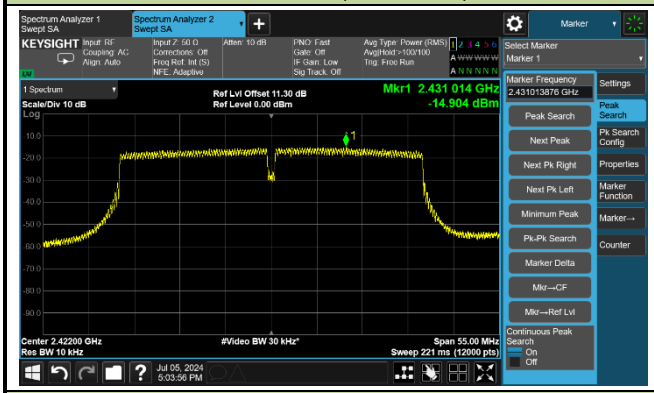


Channel 11 (2462MHz)

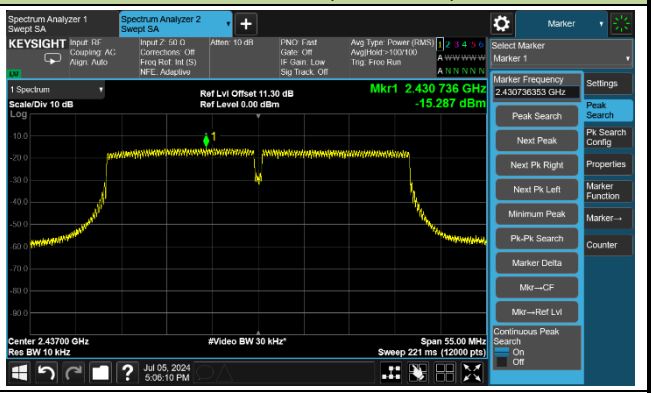


VHT40 - AVGPSD - Ant 2

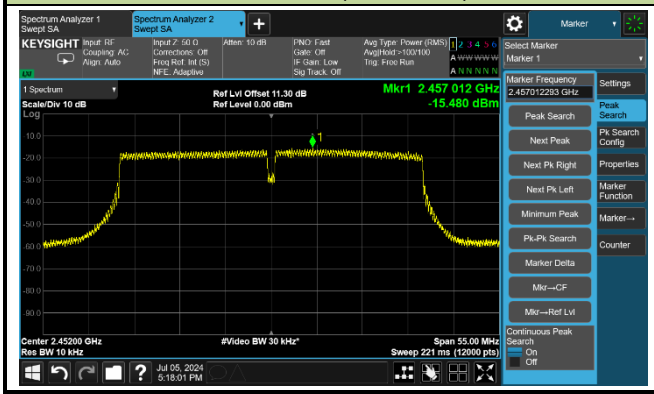
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



Partial RU

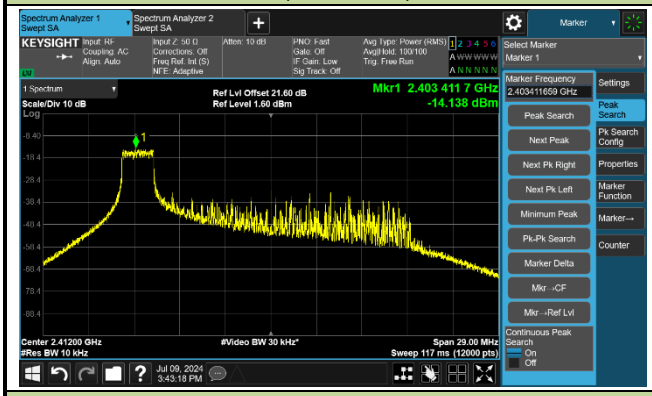
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2024-07-09 ~ 2024-07-19		

Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	RU size/ index	PSD (dBm / 10kHz)		Duty Cycle (%)	Total PSD (dBm /10kHz)	Limit (dBm / 3kHz)
					Ant 3	Ant 2			
11ax-HE20	MCS0	01	2412	RU26/0	-14.138	-14.864	99.73	-11.476	≤ 7.86
				RU52/37	-14.068	-14.890	99.73	-11.449	≤ 7.86
				RU106/53	-13.648	-14.733	99.73	-11.146	≤ 7.86
		06	2437	RU26/4	-13.775	-14.066	99.73	-10.908	≤ 7.86
				RU52/38	-14.351	-13.650	99.73	-10.976	≤ 7.86
				RU106/53	-14.339	-14.377	99.73	-11.348	≤ 7.86
		11	2462	RU26/8	-13.402	-15.027	99.73	-11.129	≤ 7.86
				RU52/40	-13.861	-14.919	99.73	-11.348	≤ 7.86
				RU106/54	-14.176	-14.958	99.73	-11.539	≤ 7.86
11ax-HE40	MCS0	03	2422	RU242/61	-16.013	-16.382	99.74	-13.18	≤ 7.86
		06	2437	RU242/61	-17.134	-16.179	99.74	-13.62	≤ 7.86
		09	2452	RU242/62	-16.539	-16.390	99.74	-13.45	≤ 7.86

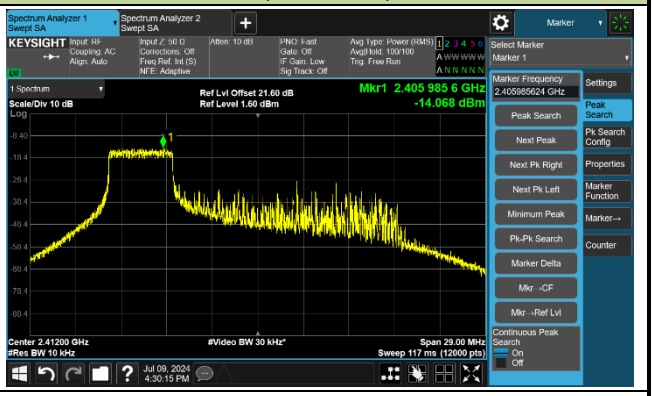
Note: When EUT duty cycle ≥ 98%, Total PSD (dBm / 10kHz) = 10*log {$10^{(\text{Ant 2 PSD}/10)}$ + $10^{(\text{Ant 3 PSD}/10)}$} (dBm / 10kHz).

802.11ax-HE20 - AVGPSD - Ant 3

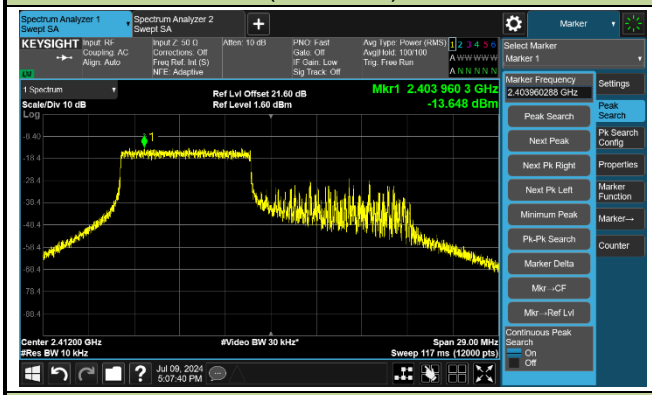
Channel 01 (2412MHz) - RU26/0



Channel 01 (2412MHz) - RU52/37

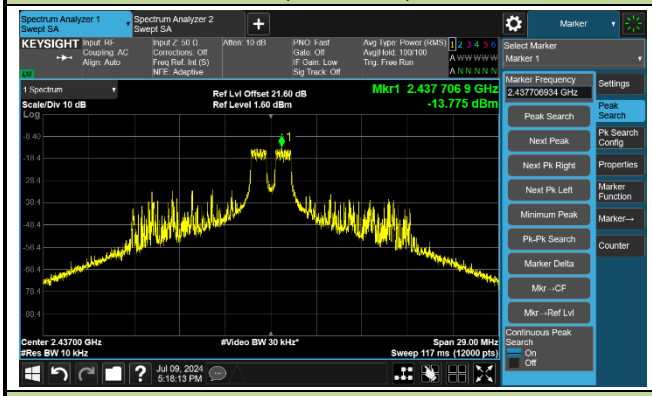


Channel 01 (2412MHz) - RU106/53

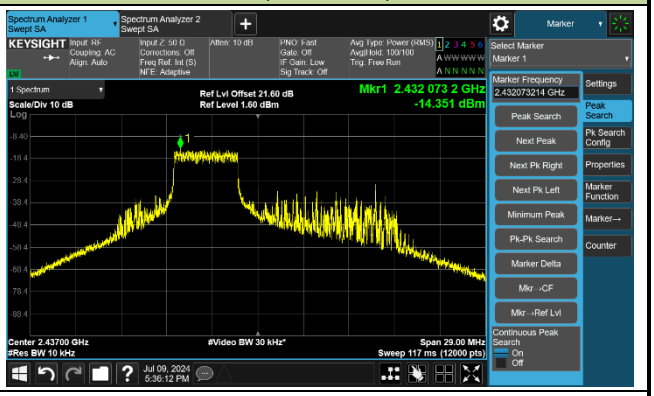


802.11ax-HE20 - AVGPSD - Ant 3

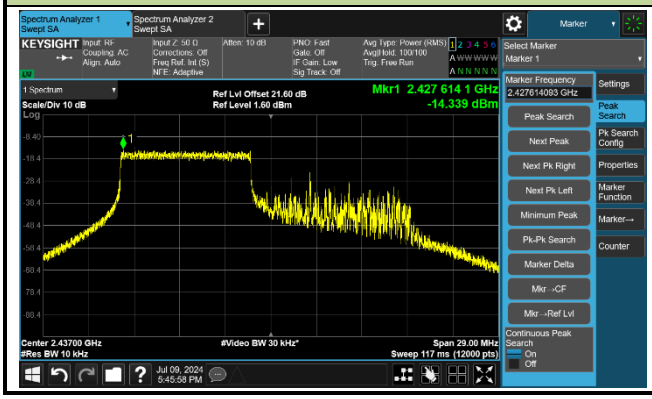
Channel 06 (2437MHz) - RU26/4



Channel 06 (2437MHz) - RU52/38

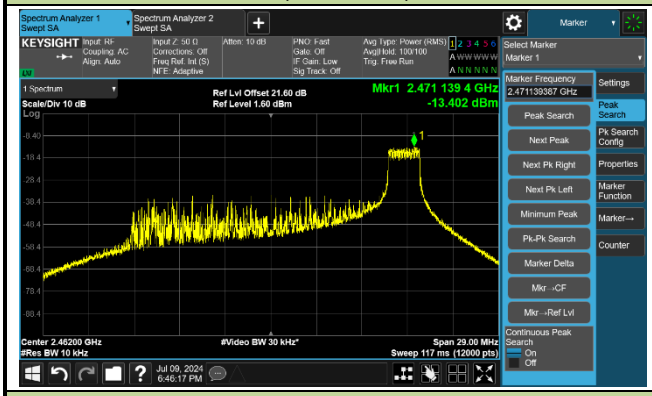


Channel 06 (2437MHz) - RU106/53

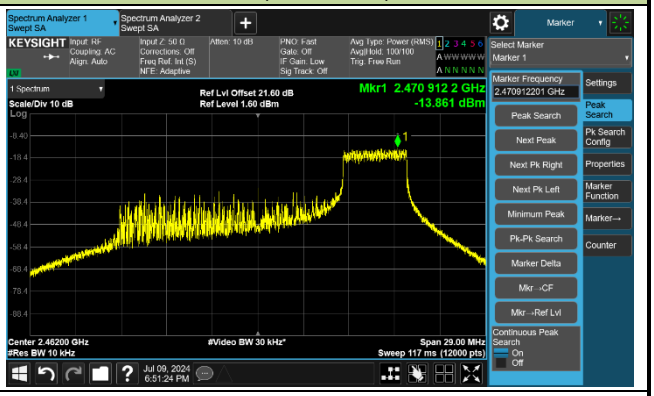


802.11ax-HE20 - AVGPSD - Ant 3

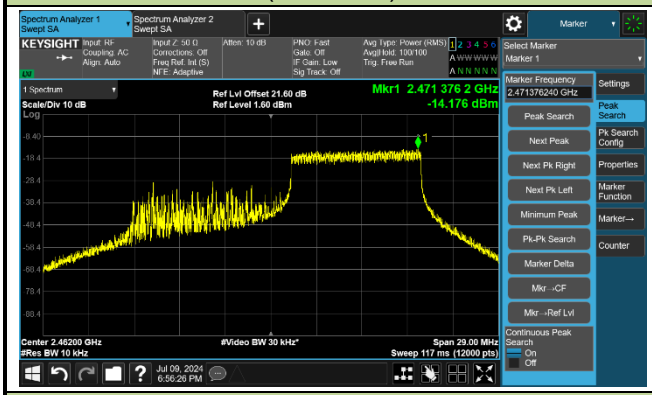
Channel 11 (2462MHz) - RU26/8



Channel 11 (2462MHz) - RU52/40

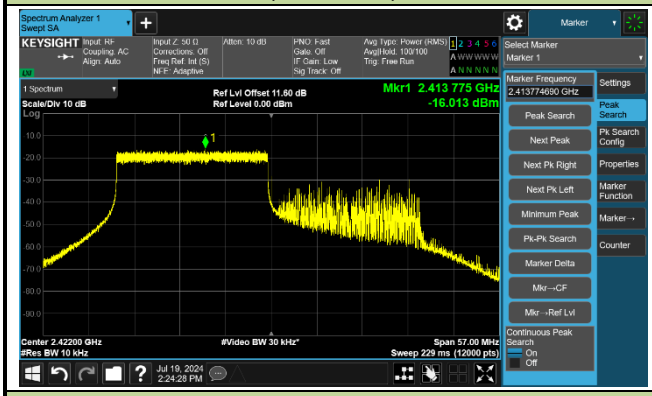


Channel 11 (2462MHz) - RU106/54

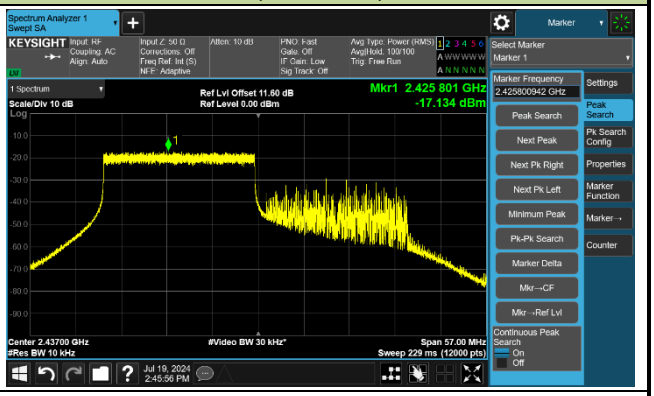


802.11ax-HE40 - AVGPSD - Ant 3

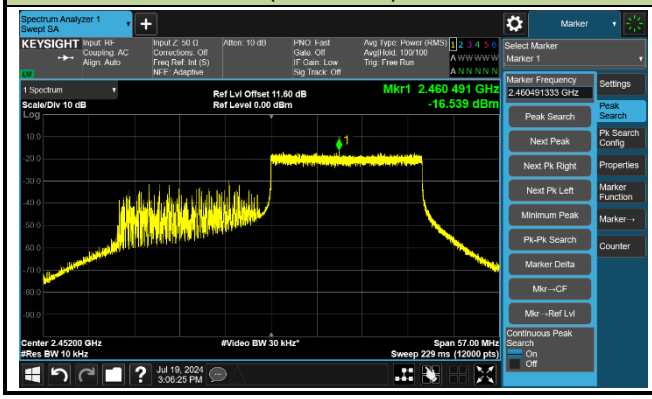
Channel 03 (2422MHz) - RU242/61



Channel 06 (2437MHz) - RU242/61

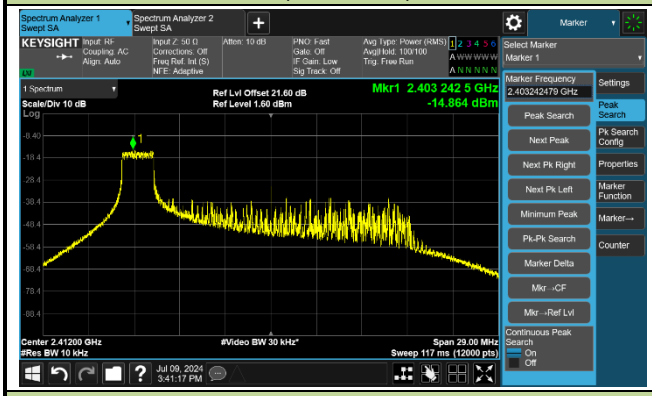


Channel 09 (2452MHz) - RU242/62

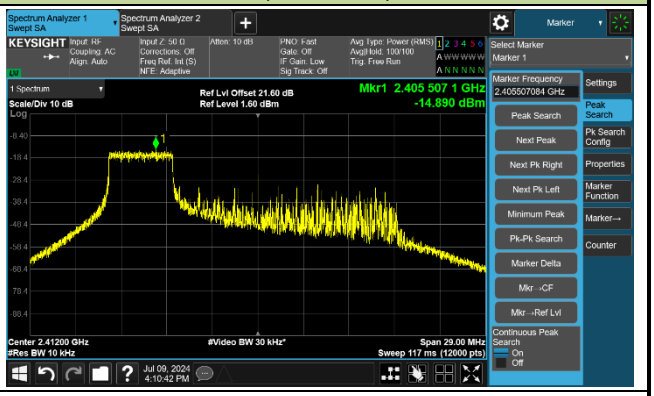


802.11ax-HE20 - AVGPSD - Ant 2

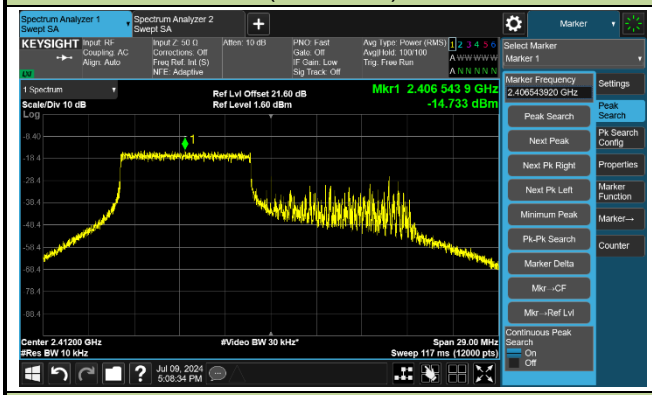
Channel 01 (2412MHz) - RU26/0



Channel 01 (2412MHz) - RU52/37

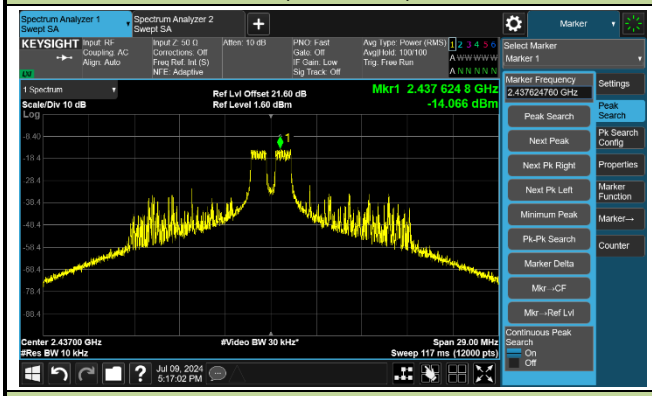


Channel 01 (2412MHz) - RU106/53

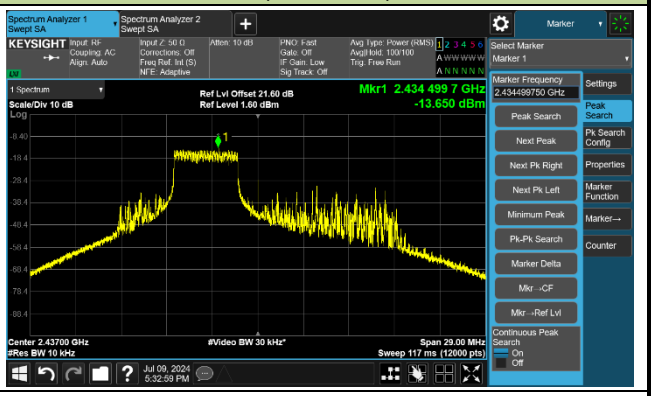


802.11ax-HE20 - AVGPSD - Ant 2

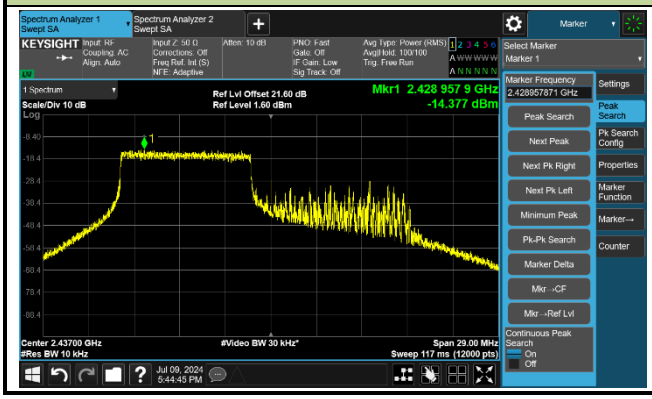
Channel 06 (2437MHz) - RU26/4



Channel 06 (2437MHz) - RU52/38

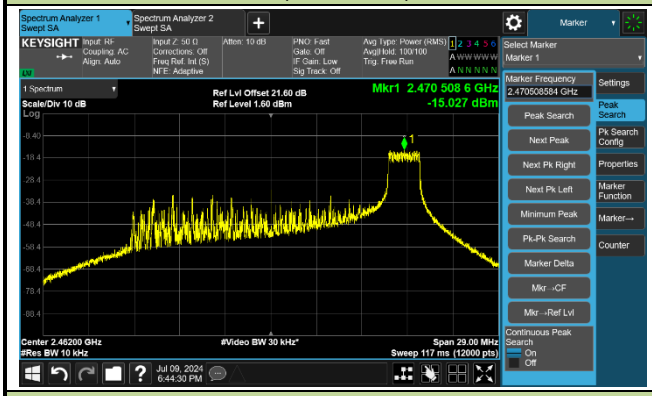


Channel 06 (2437MHz) - RU106/53

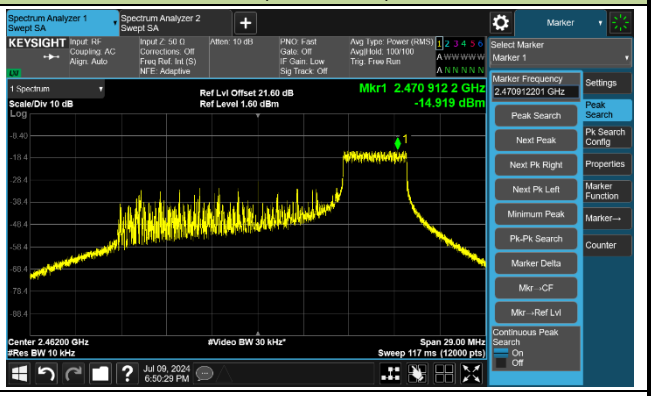


802.11ax-HE20 - AVGPSD - Ant 2

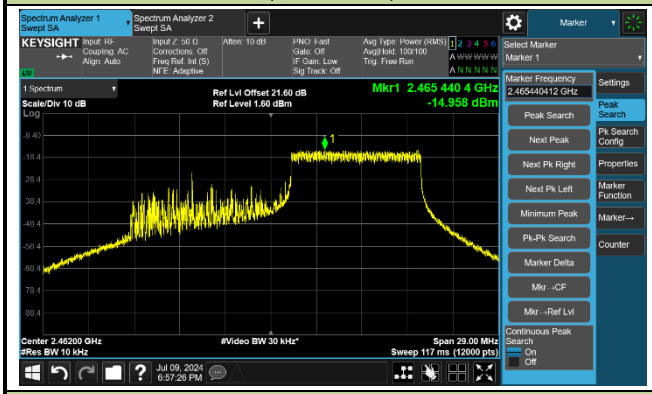
Channel 11 (2462MHz) - RU26/8



Channel 11 (2462MHz) - RU52/40

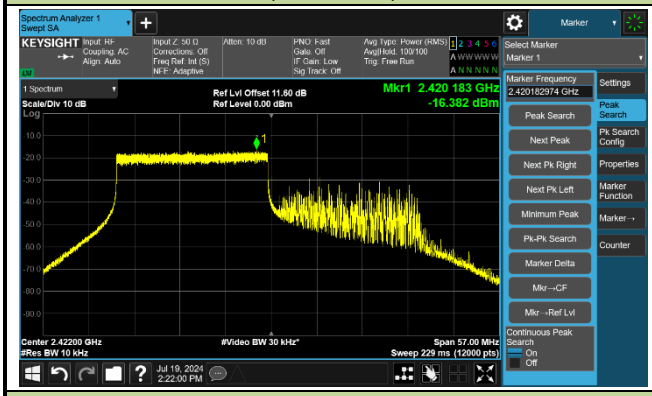


Channel 11 (2462MHz) - RU106/54

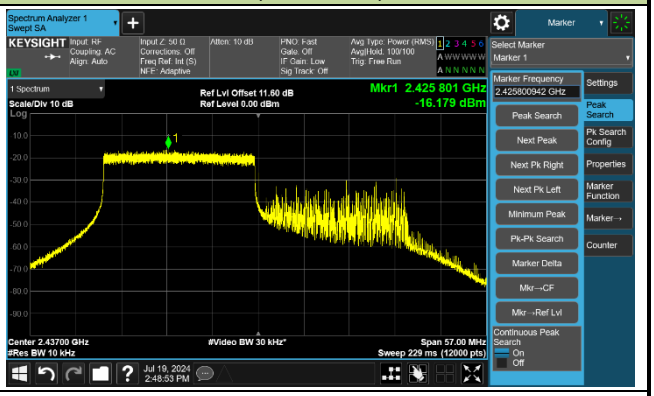


802.11ax-HE40 - AVGPSD - Ant 2

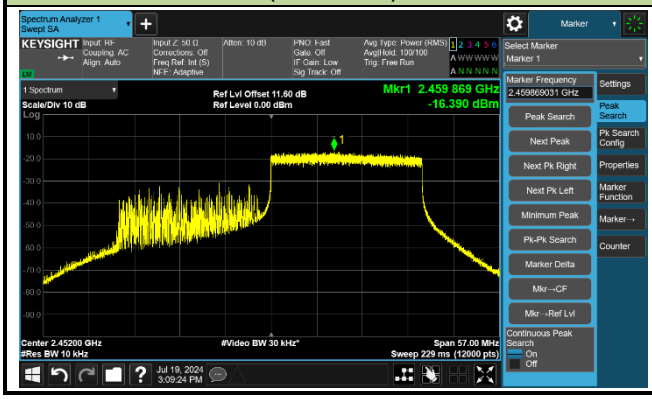
Channel 03 (2422MHz) - RU242/61



Channel 06 (2437MHz) - RU242/61



Channel 09 (2452MHz) - RU242/62



A.5 Conducted Band Edge and Out-of-Band Emissions Test Result

Full RU

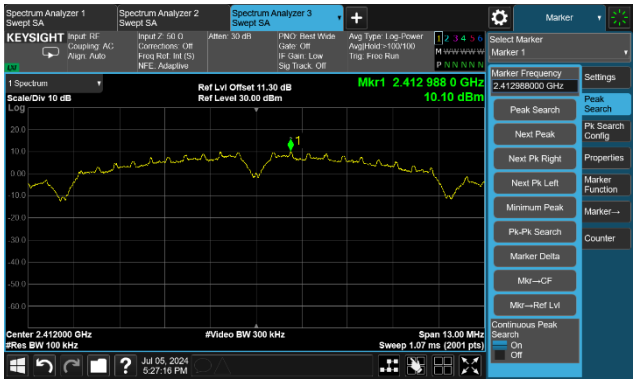
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2024-07-05 ~ 2024-07-16		

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Limit
11b	1Mbps	01	2412	30dBc
11b	1Mbps	06	2437	30dBc
11b	1Mbps	11	2462	30dBc
11g	6Mbps	01	2412	30dBc
11g	6Mbps	06	2437	30dBc
11g	6Mbps	11	2462	30dBc
11n-HT20	MCS0	01	2412	30dBc
11n-HT20	MCS0	06	2437	30dBc
11n-HT20	MCS0	11	2462	30dBc
11n-HT40	MCS0	03	2422	30dBc
11n-HT40	MCS0	06	2437	30dBc
11n-HT40	MCS0	09	2452	30dBc
11ax-HE20	MCS0	01	2412	30dBc
11ax-HE20	MCS0	06	2437	30dBc
11ax-HE20	MCS0	11	2462	30dBc
11ax-HE40	MCS0	03	2422	30dBc
11ax-HE40	MCS0	06	2437	30dBc
11ax-HE40	MCS0	09	2452	30dBc
VHT20	MCS0	01	2412	30dBc
VHT20	MCS0	06	2437	30dBc
VHT20	MCS0	11	2462	30dBc
VHT40	MCS0	03	2422	30dBc
VHT40	MCS0	06	2437	30dBc
VHT40	MCS0	09	2452	30dBc

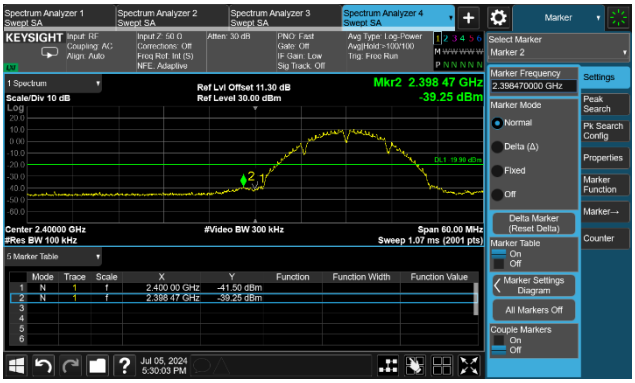
802.11b Out-of-Band Emissions – Ant 3

Channel 01 (2412MHz)

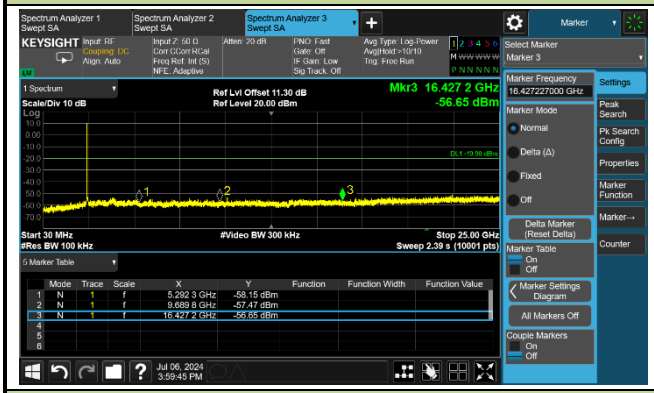
Reference Level



Low Band Edge

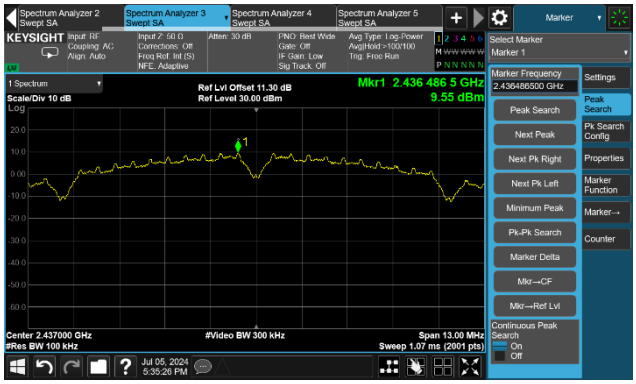


Spurious Emission

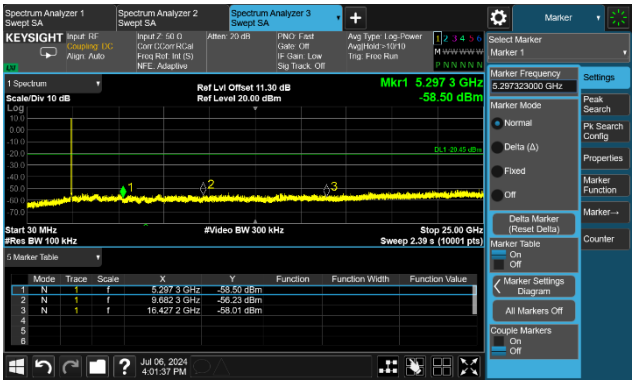


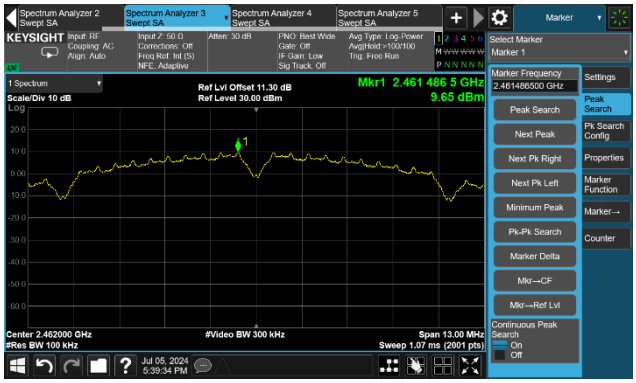
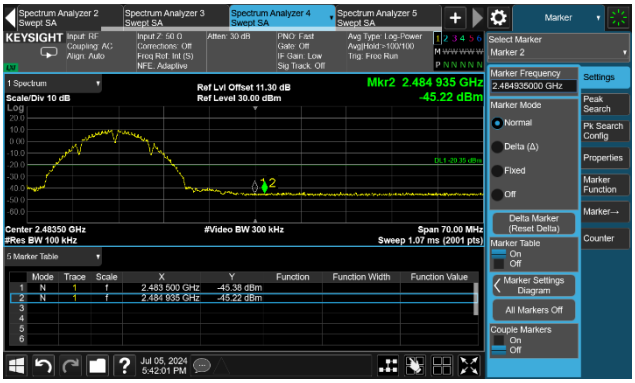
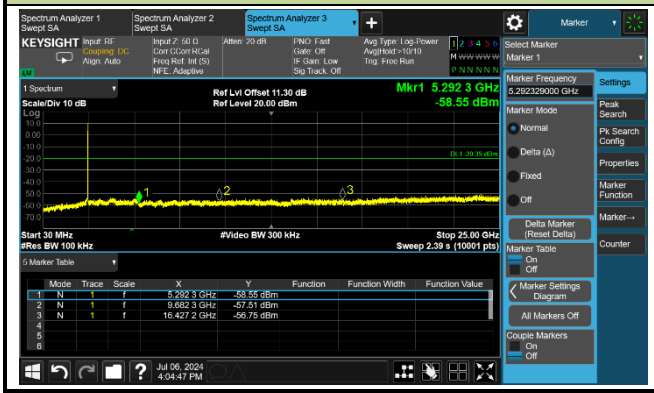
Channel 06 (2437MHz)

Reference Level



Spurious Emission

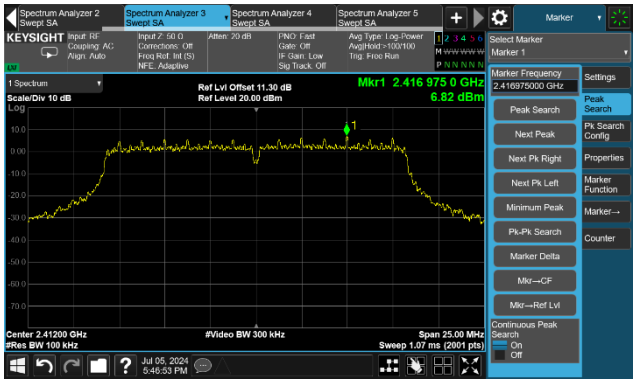


802.11b Out-of-Band Emissions – Ant 3	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

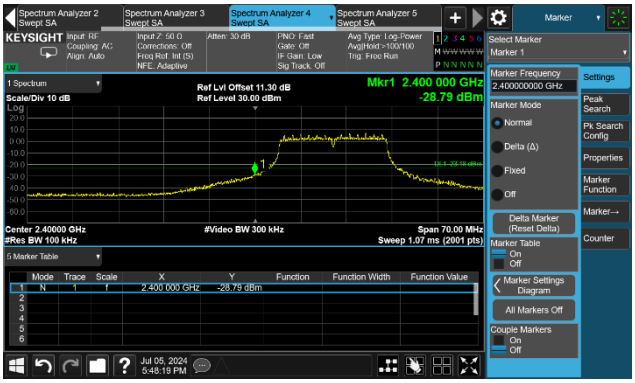
802.11g Out-of-Band Emissions – Ant 3

Channel 01 (2412MHz)

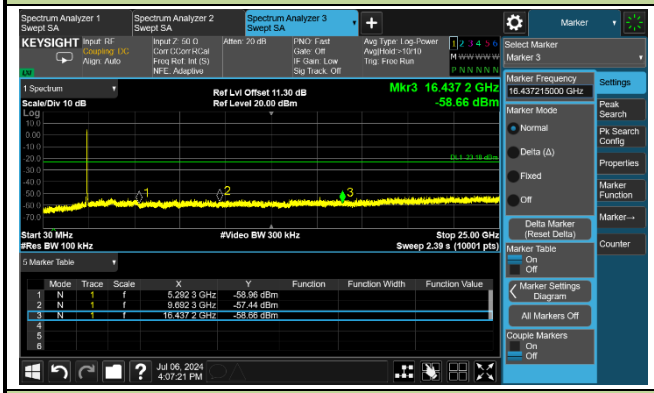
Reference Level



Low Band Edge

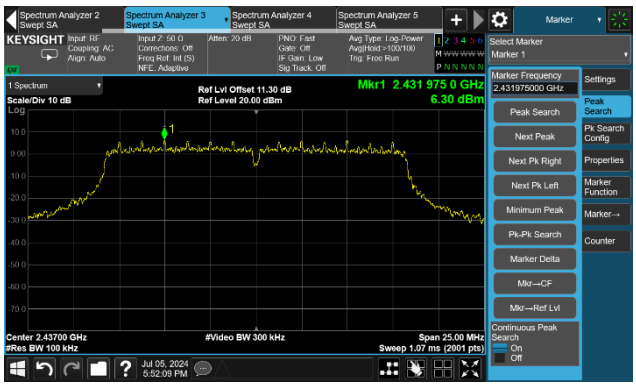


Spurious Emission

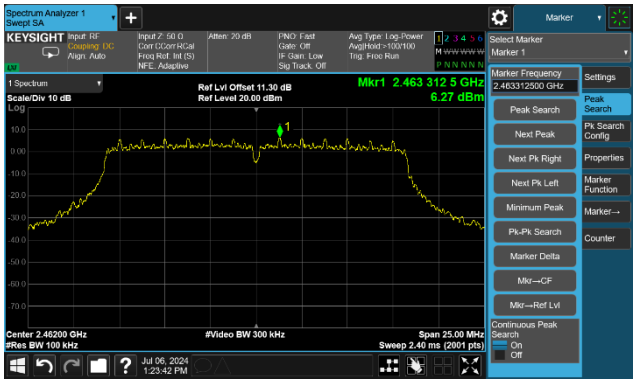
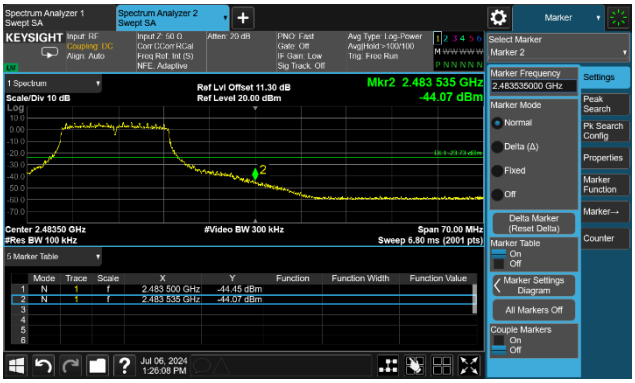
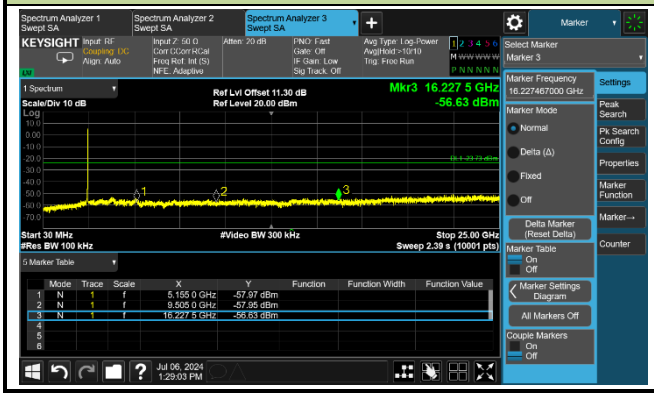


Channel 06 (2437MHz)

Reference Level



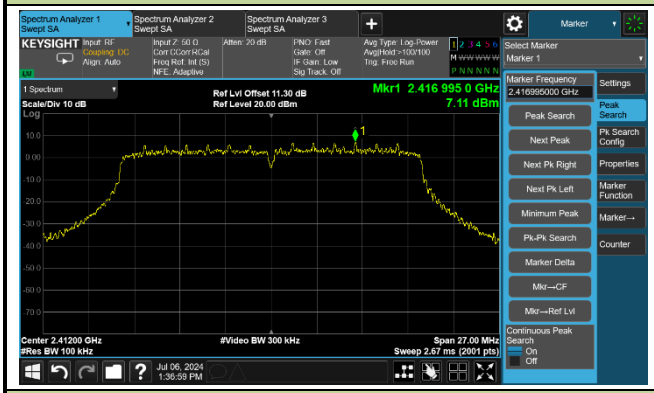
Spurious Emission

802.11g Out-of-Band Emissions – Ant 3	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

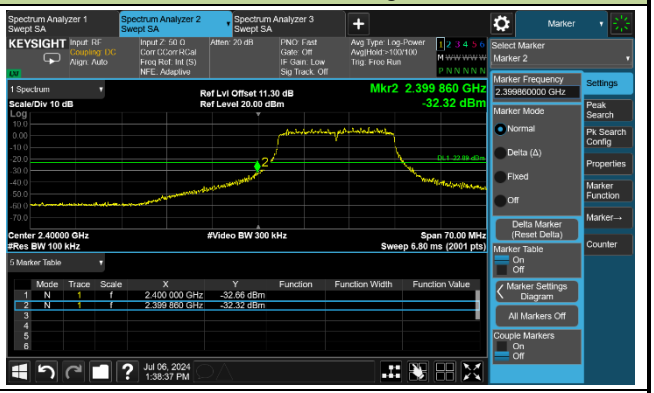
802.11n-HT20 Out-of-Band Emissions – Ant 3

Channel 01 (2412MHz)

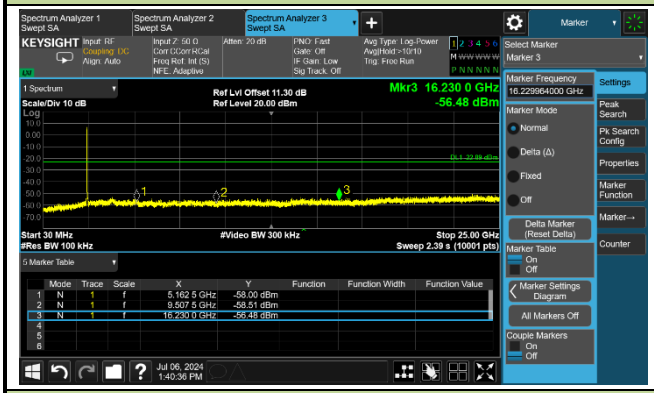
Reference Level



Low Band Edge

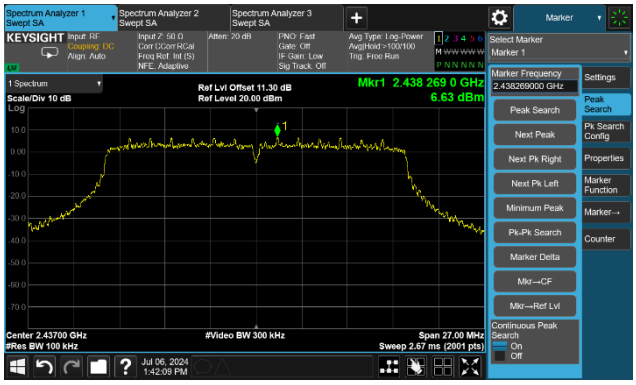
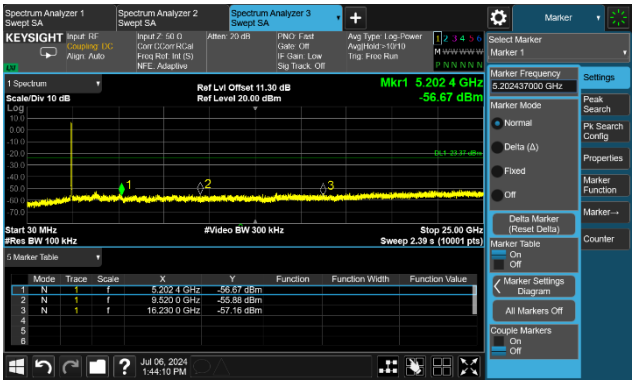


Spurious Emission



Channel 06 (2437MHz)

Reference Level



Spurious Emission