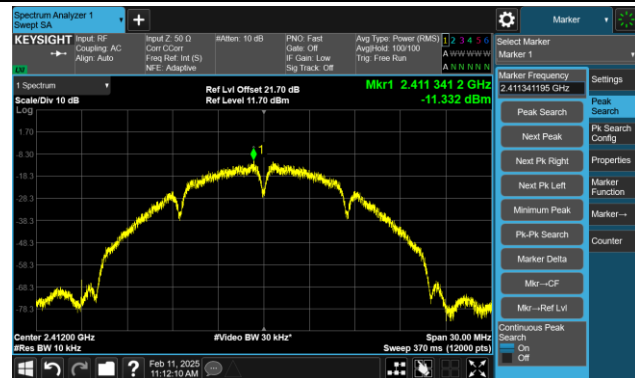
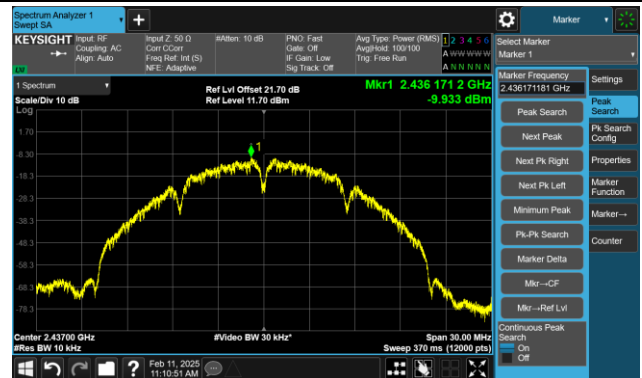


802.11b - AVGPDS - Ant 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)

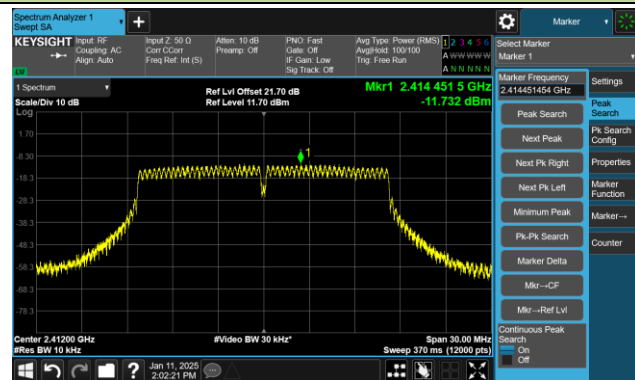


Channel 11 (2462MHz)

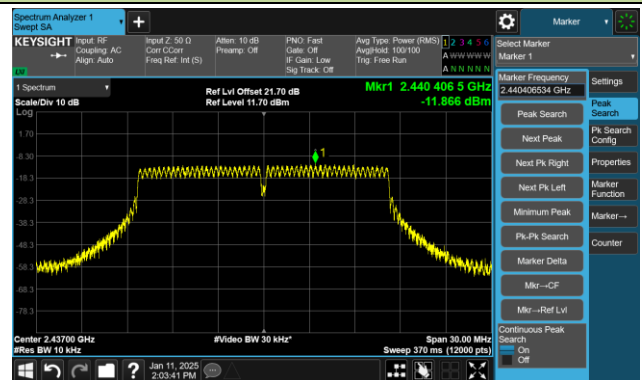


802.11g - AVGPDS - Ant 1

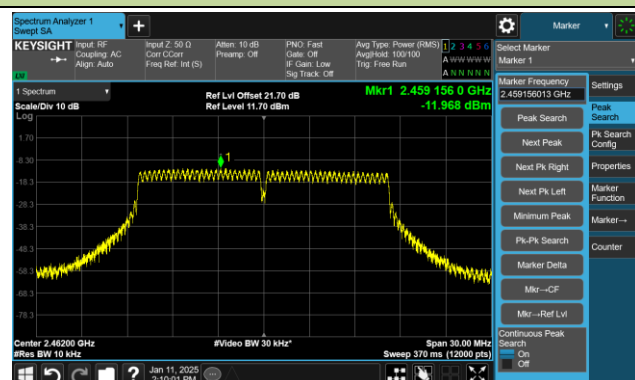
Channel 01 (2412MHz)



Channel 06 (2437MHz)

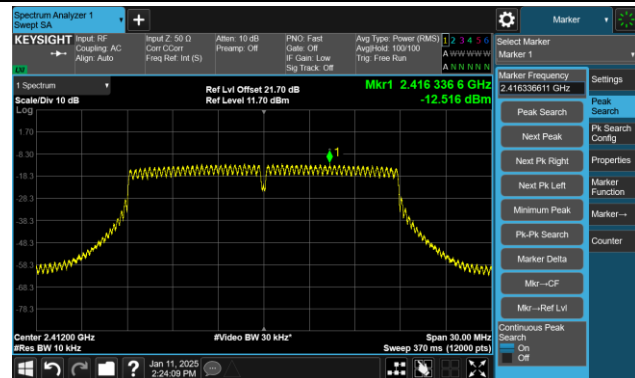


Channel 11 (2462MHz)

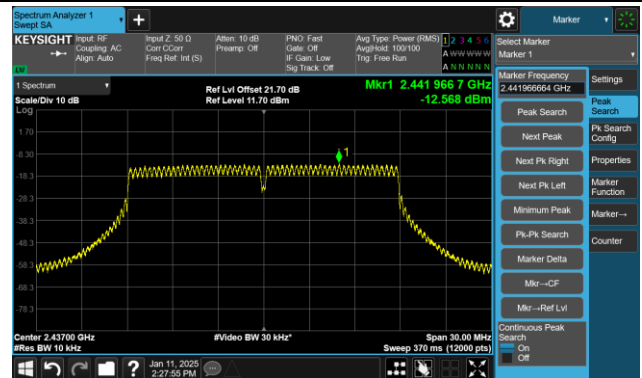


802.11n-HT20 - AVGPDS - Ant 1

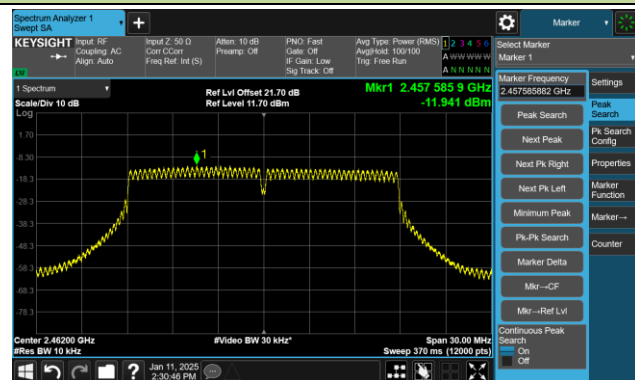
Channel 01 (2412MHz)



Channel 06 (2437MHz)

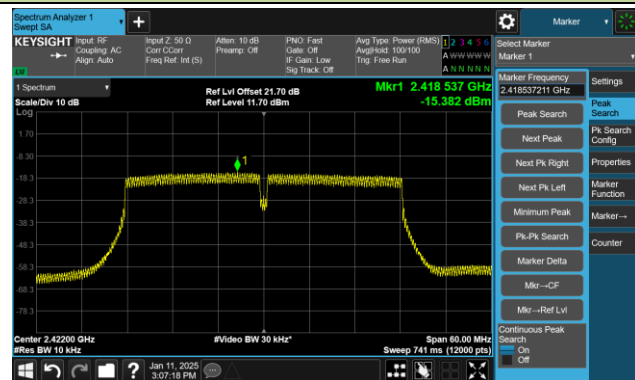


Channel 11 (2462MHz)

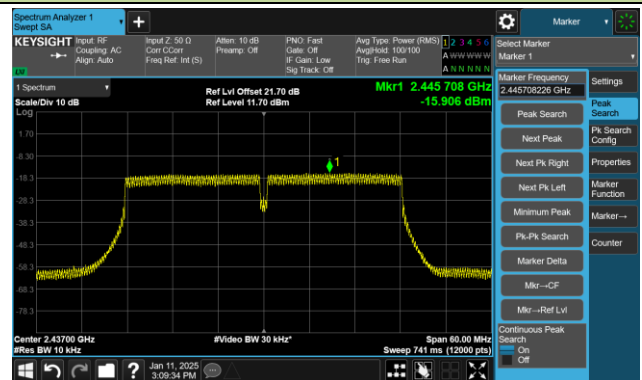


802.11n-HT40 - AVGPDS - Ant 1

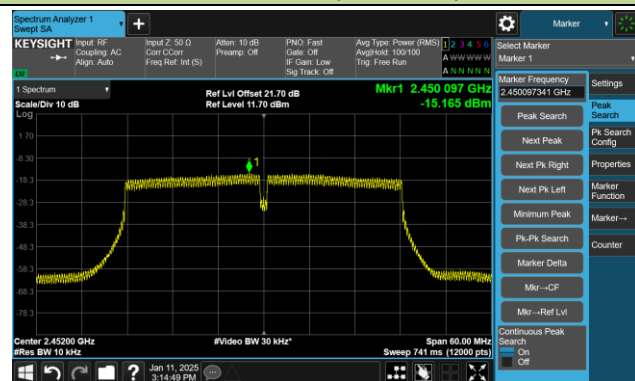
Channel 03 (2422MHz)



Channel 06 (2437MHz)

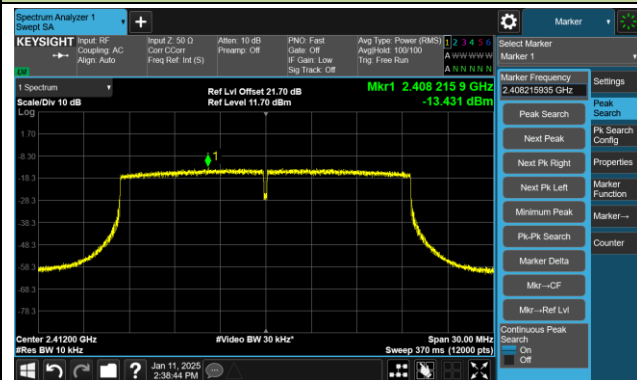


Channel 09 (2452MHz)

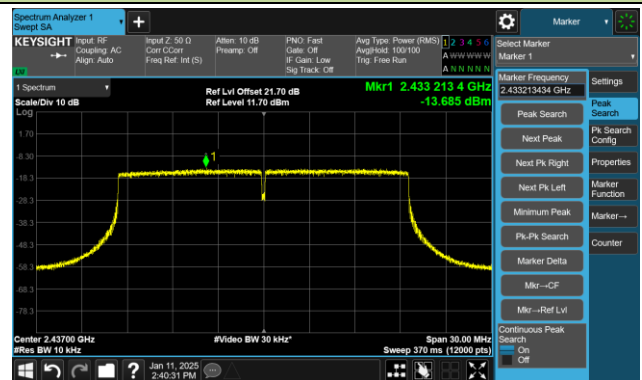


802.11ax-HE20 - AVGPSD - Ant 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)

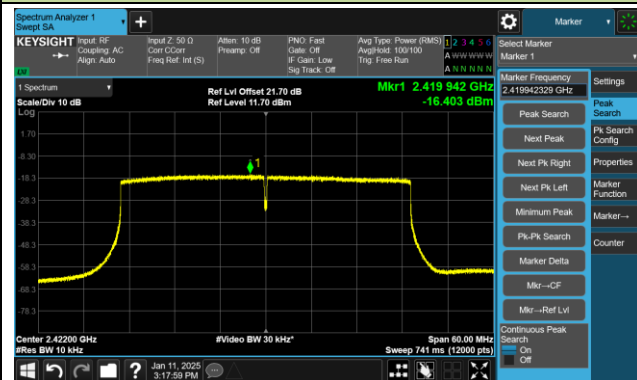


Channel 11 (2462MHz)

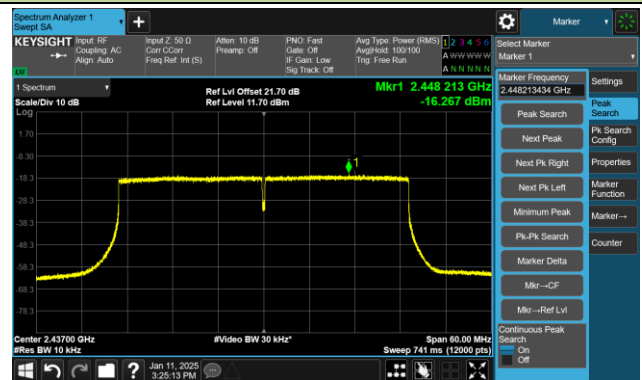


802.11ax-HE40 - AVGPSD - Ant 1

Channel 03 (2422MHz)



Channel 06 (2437MHz)

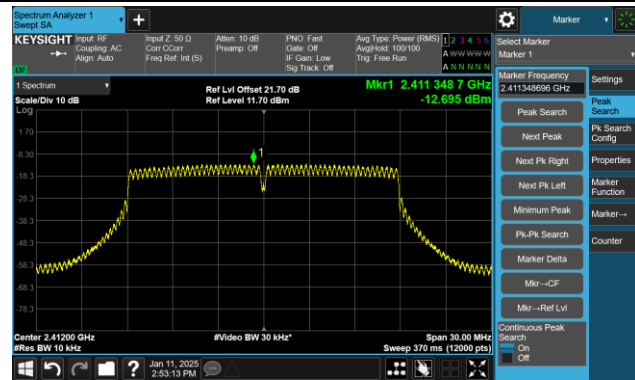


Channel 09 (2452MHz)

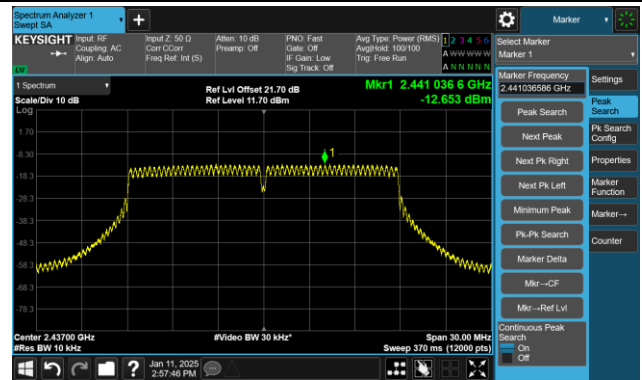


VHT20 - AVGPDS - Ant 1

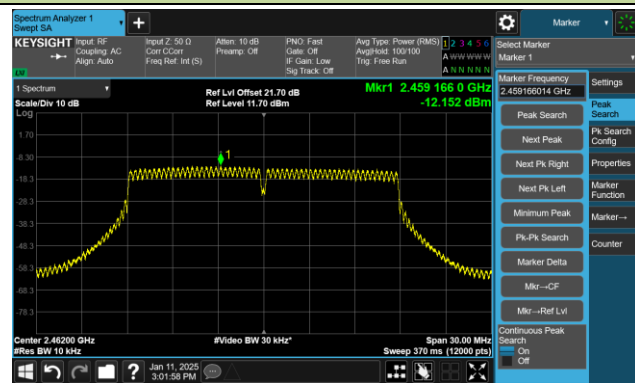
Channel 01 (2412MHz)



Channel 06 (2437MHz)

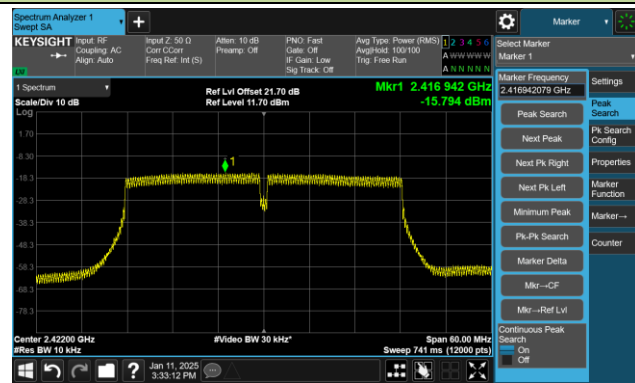


Channel 11 (2462MHz)

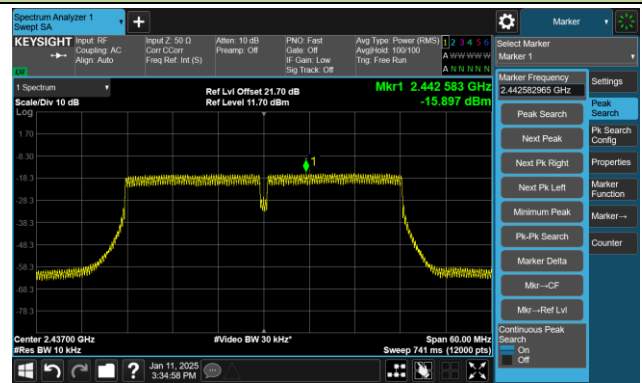


VHT40 - AVGPDS - Ant 1

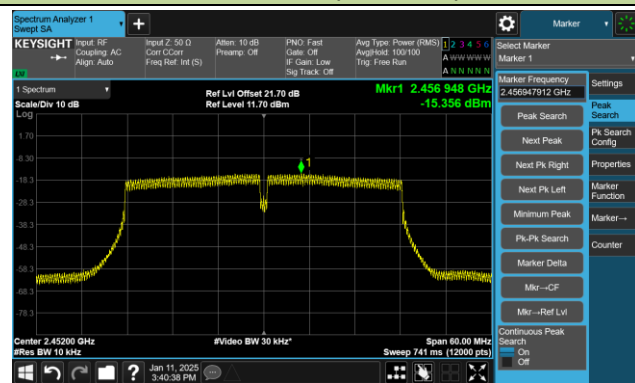
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



Partial RU:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-01-16		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU index	PSD (dBm/ 10kHz)		Duty Cycle (%)	10*log (1/x)	Total PSD (dBm/10kHz)	Limit (dBm/3kHz)
					Ant 0	Ant 1				
11ax-HE20	MCS0	01	2412	RU26/0	-14.793	-14.140	99.45	0.02	-11.444	≤ 8.00
				RU52/74	-14.800	-13.701	99.45	0.02	-11.206	≤ 8.00
				RU106/106	-15.164	-13.874	99.45	0.02	-11.461	≤ 8.00
11ax-HE20	MCS0	06	2437	RU26/4	-14.473	-14.249	99.45	0.02	-11.349	≤ 8.00
				RU52/75	-14.520	-14.470	99.45	0.02	-11.485	≤ 8.00
				RU106/106	-14.149	-14.295	99.45	0.02	-11.211	≤ 8.00
11ax-HE20	MCS0	11	2462	RU26/8	-14.294	-13.712	99.45	0.02	-10.983	≤ 8.00
				RU52/77	-14.396	-13.840	99.45	0.02	-11.099	≤ 8.00
				RU106/107	-14.215	-13.895	99.45	0.02	-11.042	≤ 8.00
11ax-HE40	MCS0	03	2422	RU242/122	-17.230	-16.637	99.60	0.02	-13.913	≤ 8.00
11ax-HE40	MCS0	06	2437	RU242/122	-16.972	-17.394	99.60	0.02	-14.168	≤ 8.00
11ax-HE40	MCS0	09	2452	RU242/123	-17.332	-17.292	99.60	0.02	-14.302	≤ 8.00

Note 1:

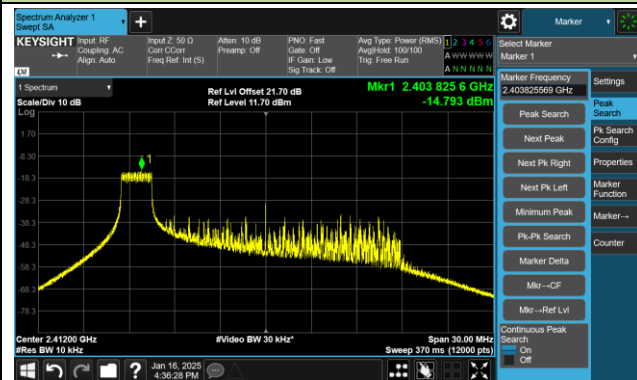
When EUT duty cycle ≥ 98%, Total PSD (dBm / 10kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm / 10kHz).

When EUT duty cycle < 98%, Total PSD (dBm / 10kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm / 10kHz) + $10 \cdot \log (1/\text{Duty Cycle})$.

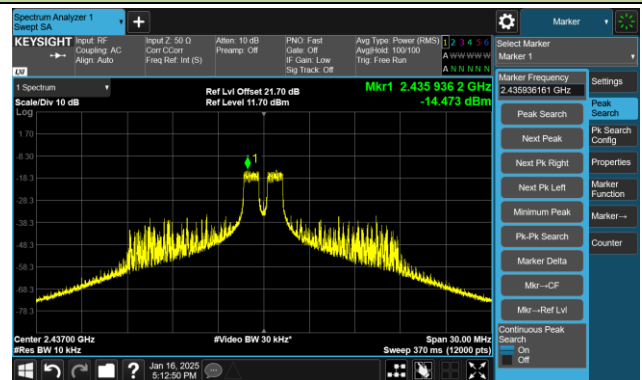
Note 2: Limit (dBm/3kHz) = 8 dBm/3kHz.

802.11ax-HE20 – AVGPDS – RU26 - Ant 0

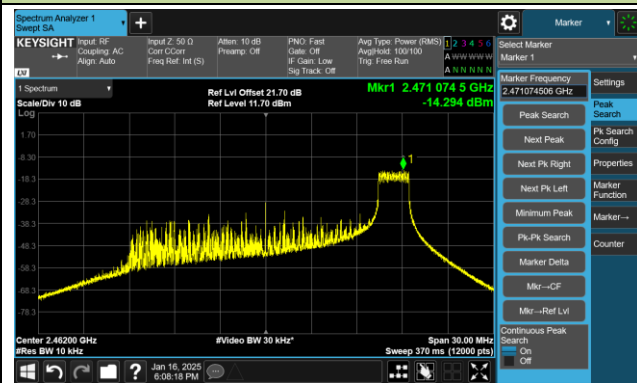
Channel 01 (2412MHz)



Channel 06 (2437MHz)

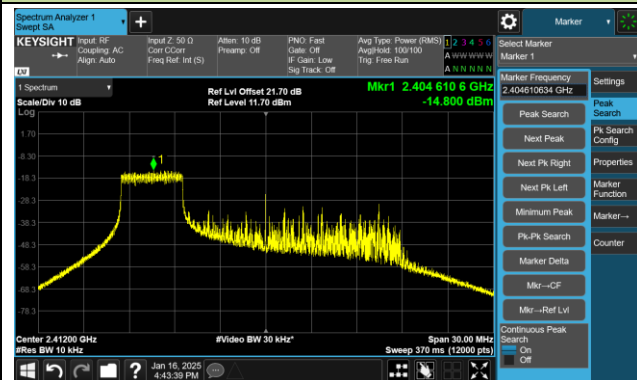


Channel 11 (2462MHz)

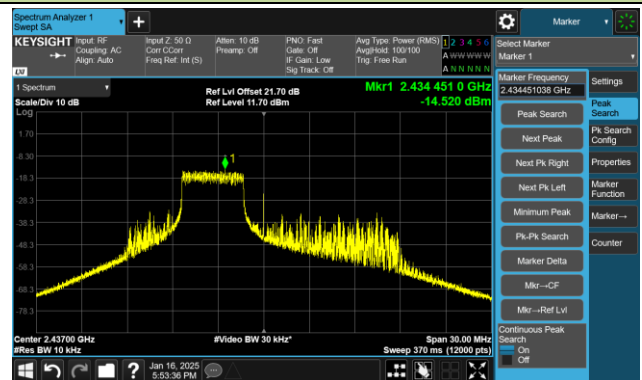


802.11ax-HE20 – AVGPDS – RU52 - Ant 0

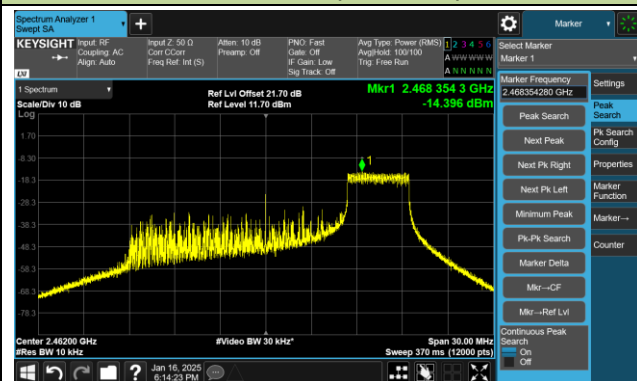
Channel 01 (2412MHz)



Channel 06 (2437MHz)

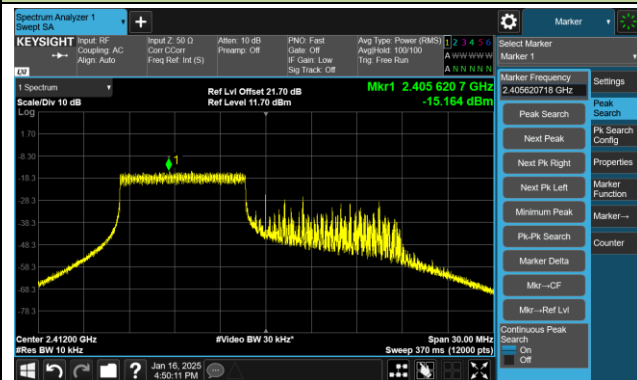


Channel 11 (2462MHz)

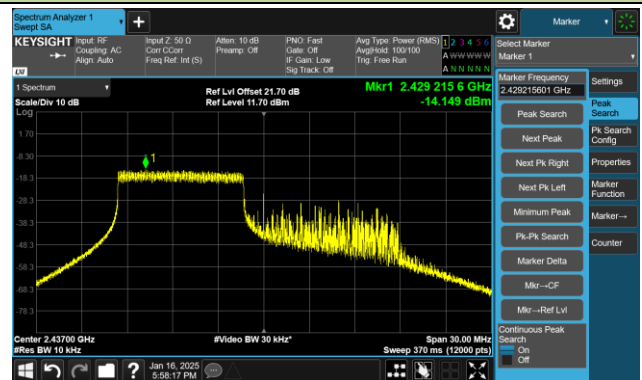


802.11ax-HE20 – AVGPDS – RU106 - Ant 0

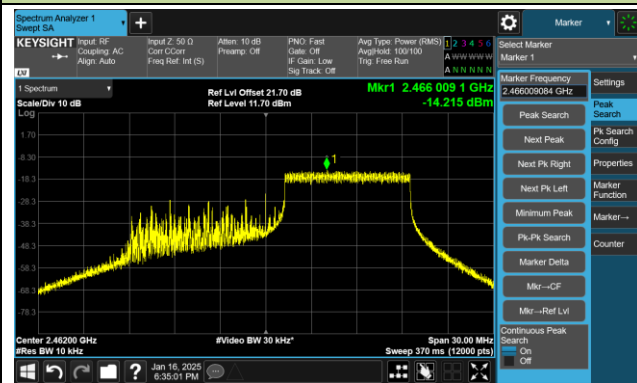
Channel 01 (2412MHz)



Channel 06 (2437MHz)

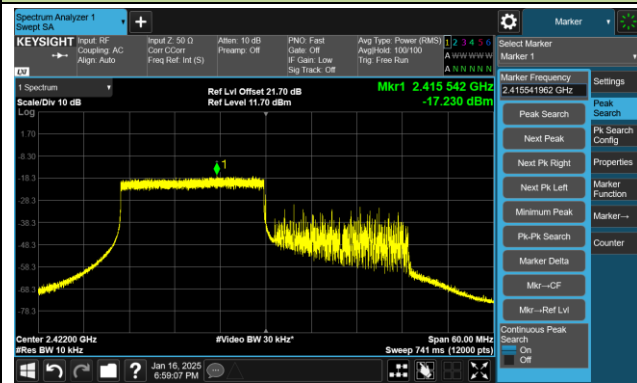


Channel 11 (2462MHz)

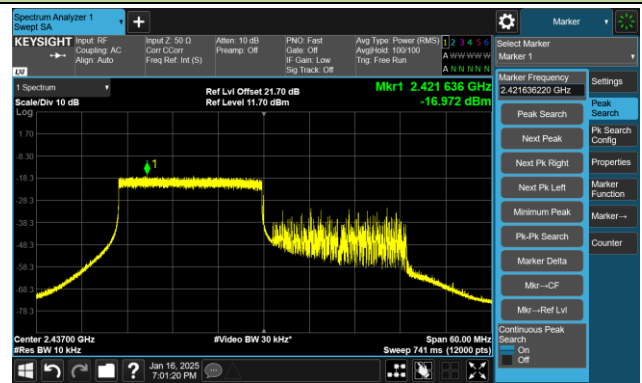


802.11ax-HE40 – AVGPDS – RU242 - Ant 0

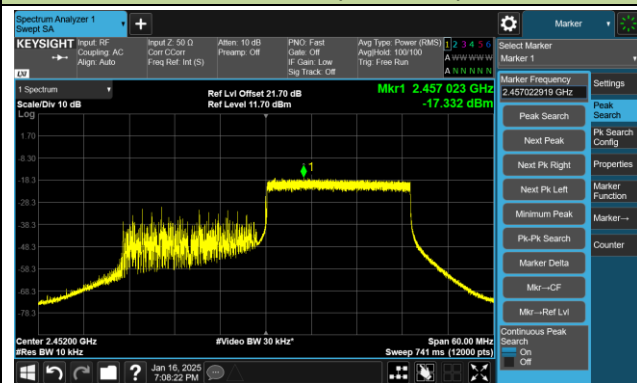
Channel 03 (2422MHz)



Channel 06 (2437MHz)

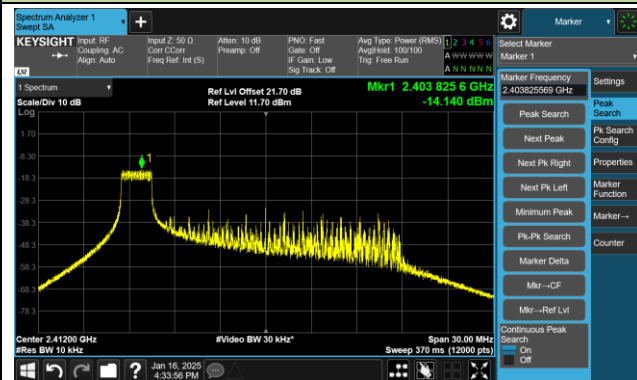


Channel 09 (2452MHz)

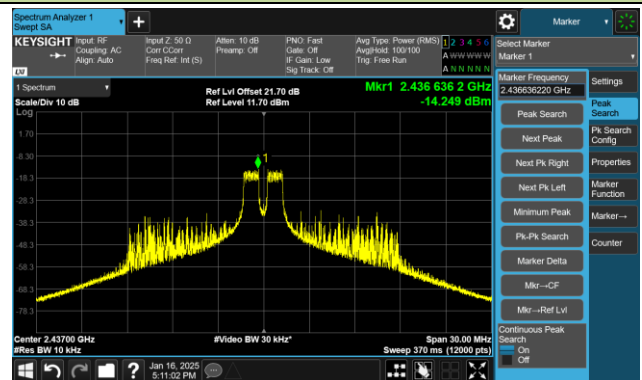


802.11ax-HE20 – AVGPSD – RU26 - Ant 1

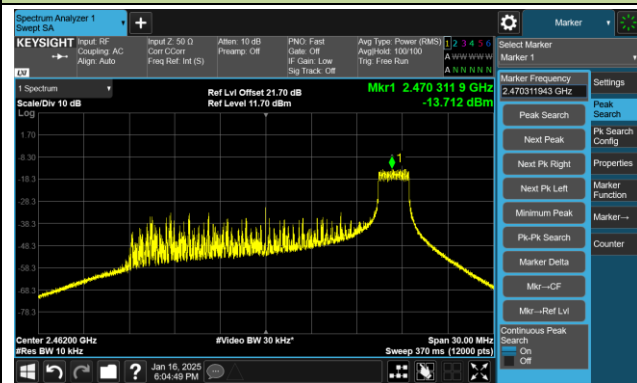
Channel 01 (2412MHz)



Channel 06 (2437MHz)

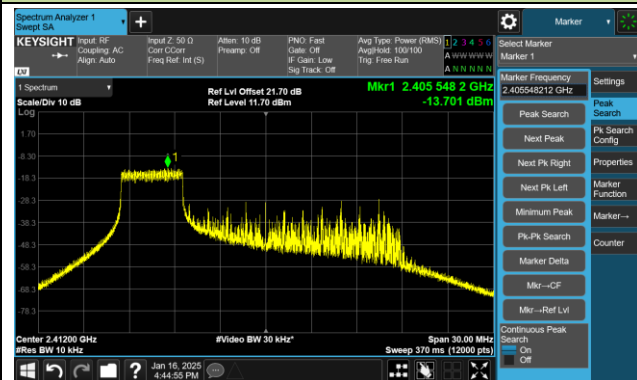


Channel 11 (2462MHz)

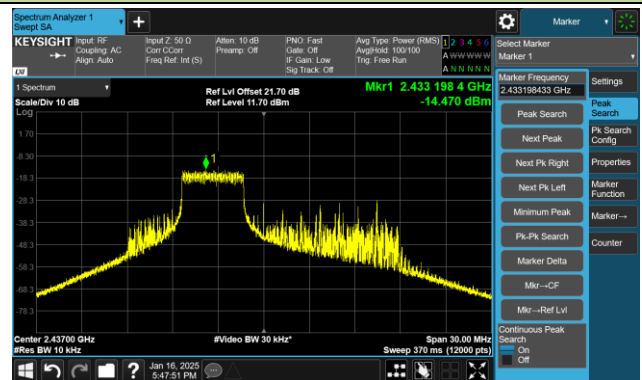


802.11ax-HE20 – AVGPSD – RU52 - Ant 1

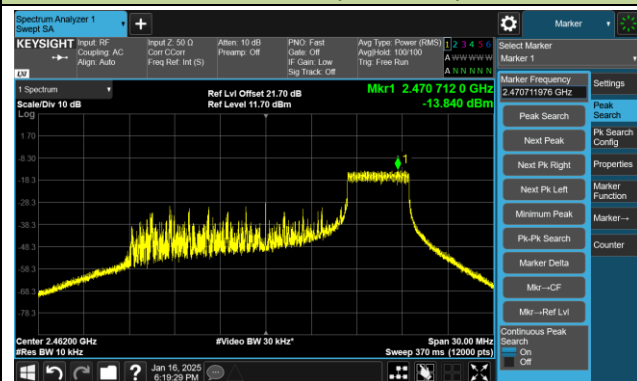
Channel 01 (2412MHz)



Channel 06 (2437MHz)

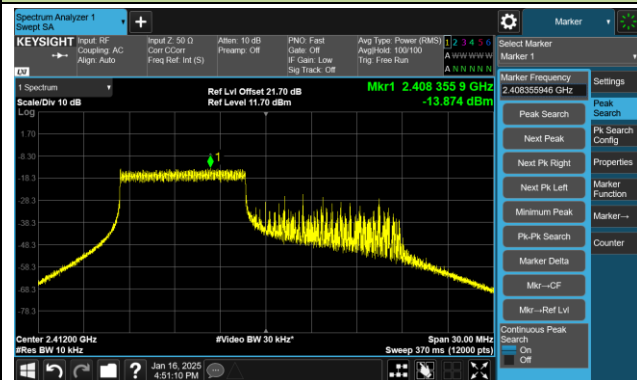


Channel 11 (2462MHz)

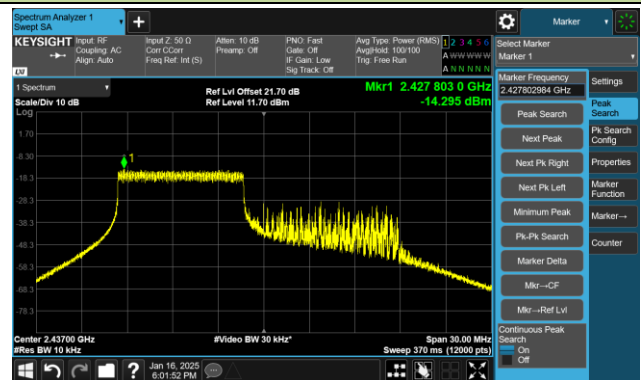


802.11ax-HE20 – AVGPDS – RU106 - Ant 1

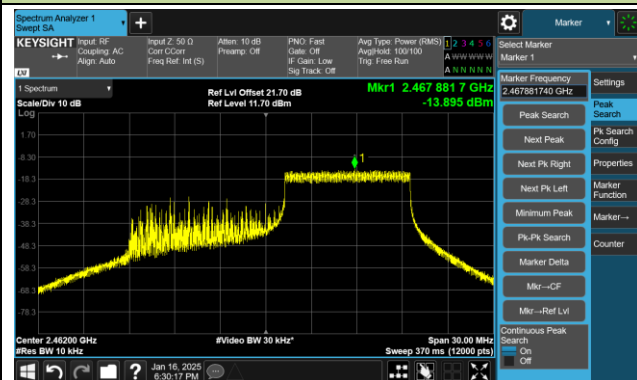
Channel 01 (2412MHz)



Channel 06 (2437MHz)

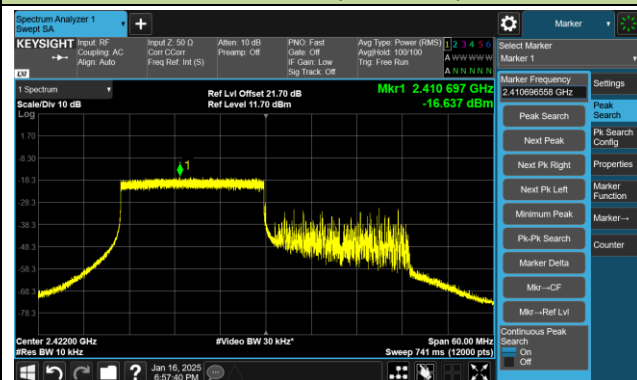


Channel 11 (2462MHz)

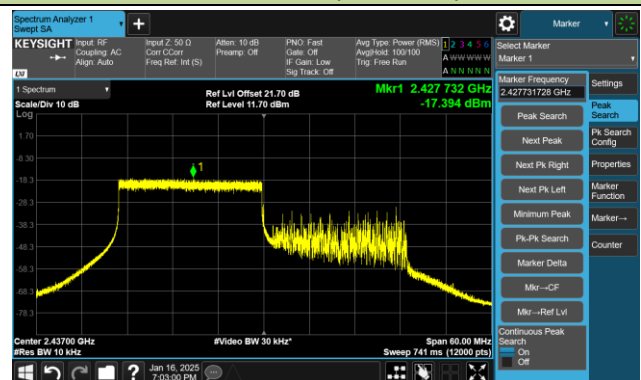


802.11ax-HE40 – AVGPDS – RU242 - Ant 1

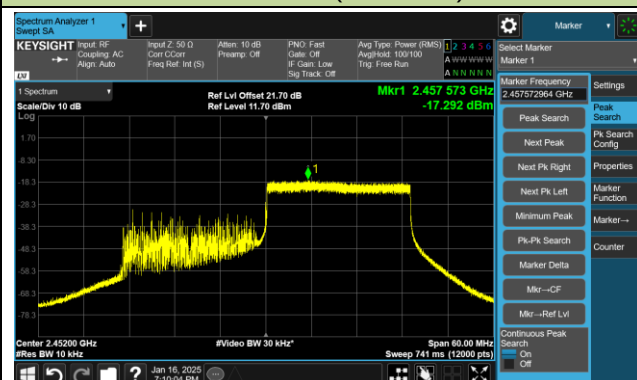
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



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

Full RU:

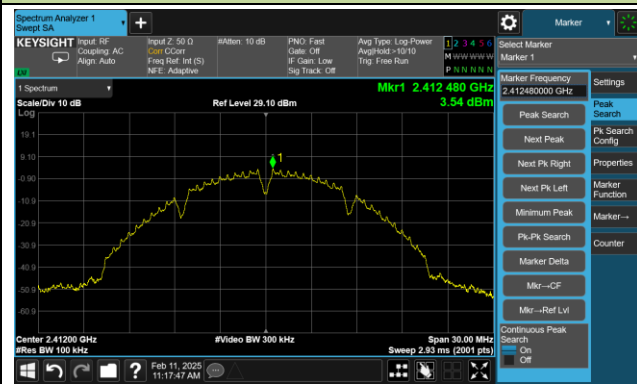
Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-01-19		

Test Mode	Data Rate / MCS	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

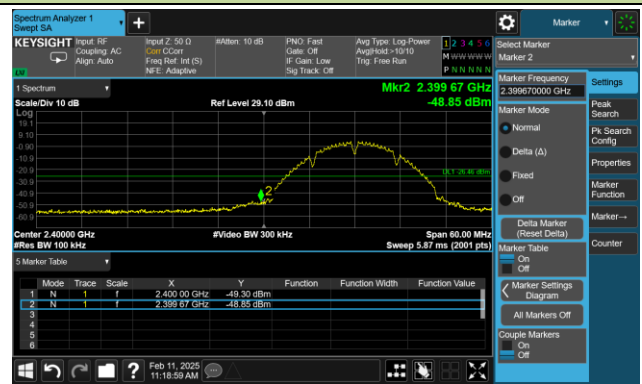
802.11b Out-of-Band Emissions – Ant 0

Channel 01 (2412MHz)

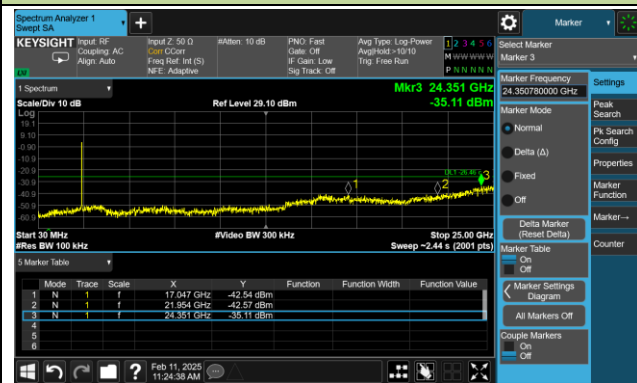
Reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

Reference Level



Spurious Emission



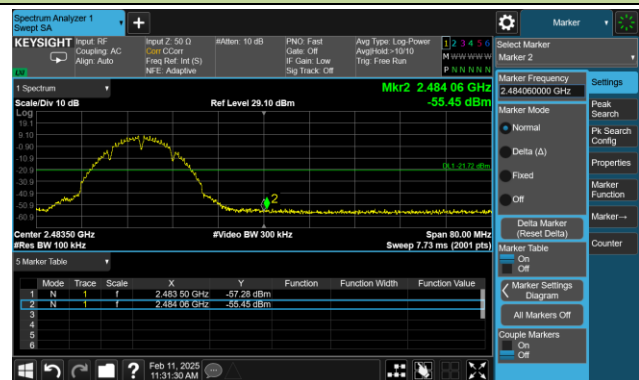
802.11b Out-of-Band Emissions – Ant 0

Channel 11 (2462MHz)

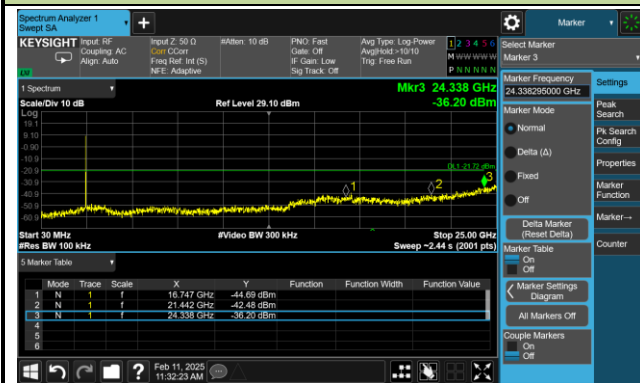
Reference Level



High Band Edge



Spurious Emission



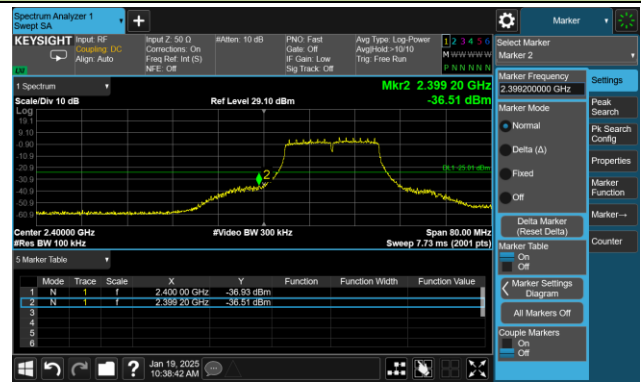
802.11g Out-of-Band Emissions – Ant 0

Channel 01 (2412MHz)

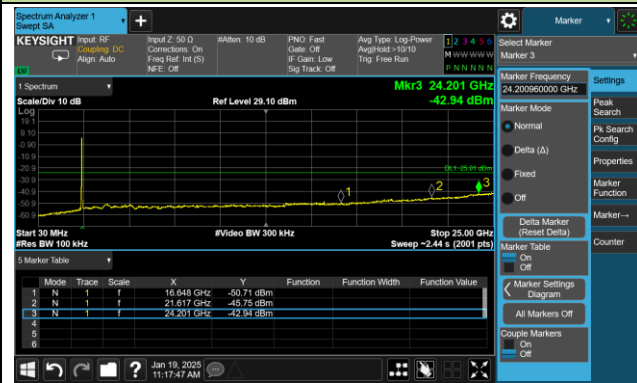
Reference Level



Low Band Edge



Spurious Emission

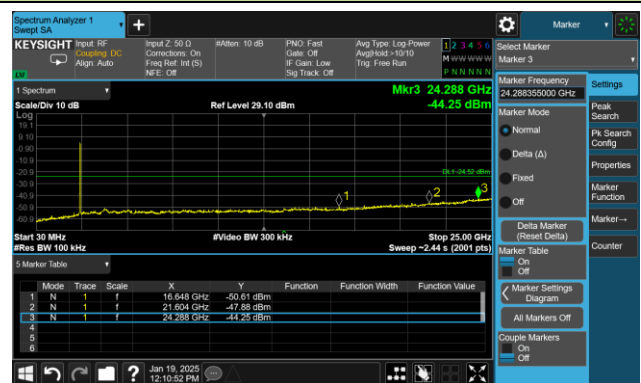


Channel 06 (2437MHz)

Reference Level



Spurious Emission



802.11g Out-of-Band Emissions – Ant 0

Channel 11 (2462MHz)

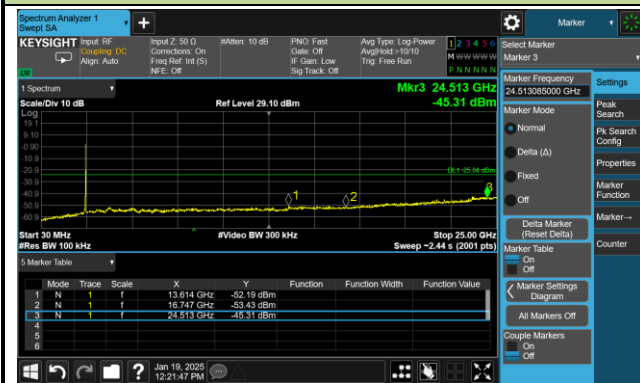
Reference Level



High Band Edge



Spurious Emission



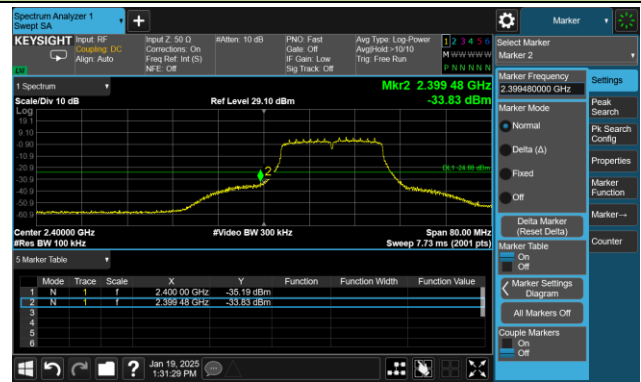
802.11n-HT20 Out-of-Band Emissions – Ant 0

Channel 01 (2412MHz)

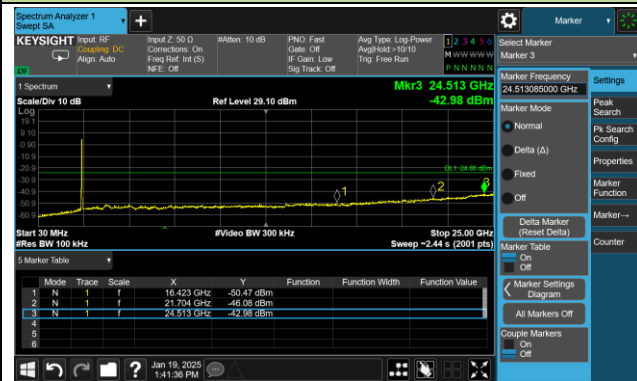
Reference Level



Low Band Edge

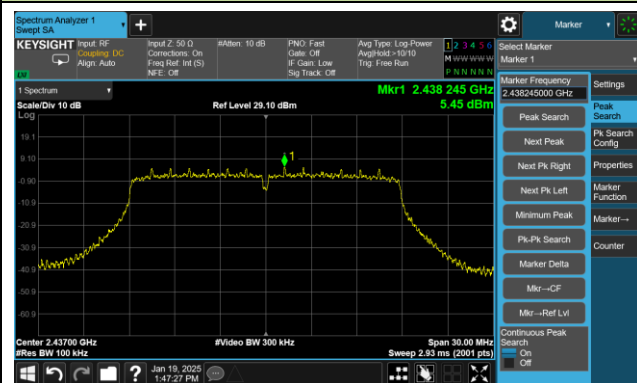


Spurious Emission



Channel 06 (2437MHz)

Reference Level



Spurious Emission

