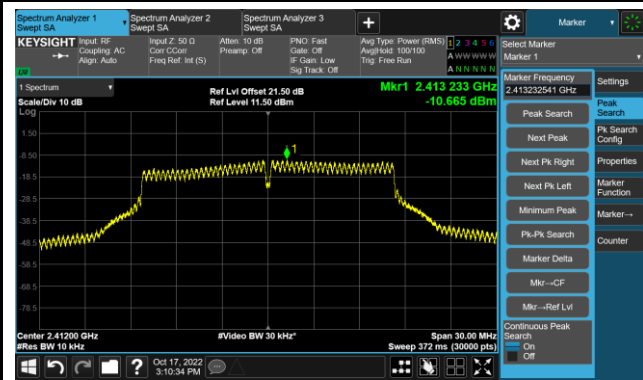
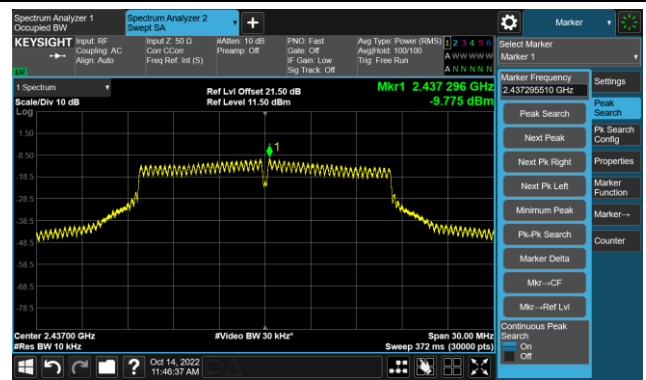


802.11g - PSD - SISO Mode Ant 1

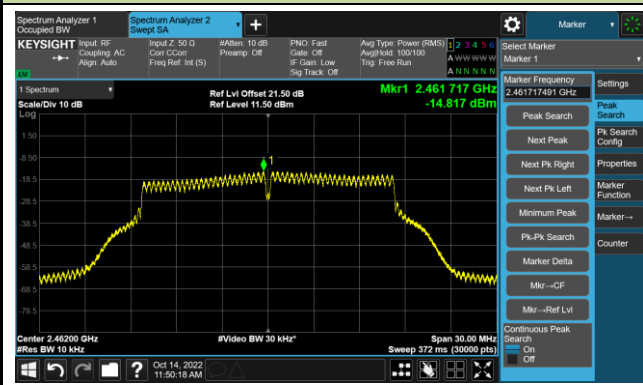
Channel 01 (2412MHz)



Channel 06 (2437MHz)

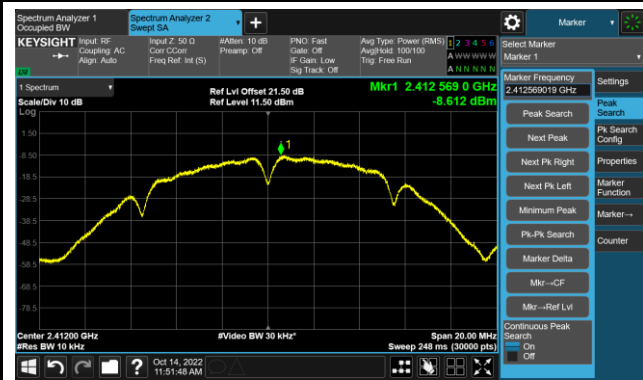


Channel 11 (2462MHz)



802.11b - PSD - SISO Mode Ant 2

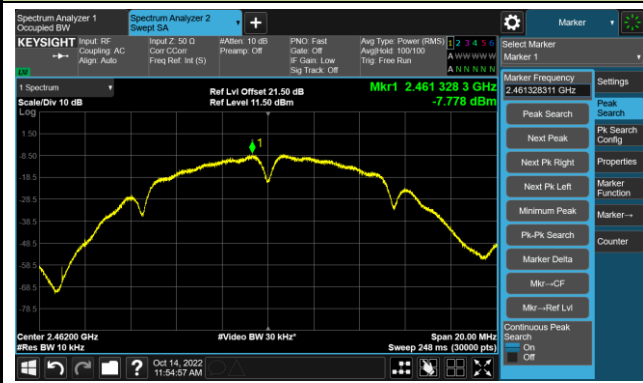
Channel 01 (2412MHz)



Channel 06 (2437MHz)

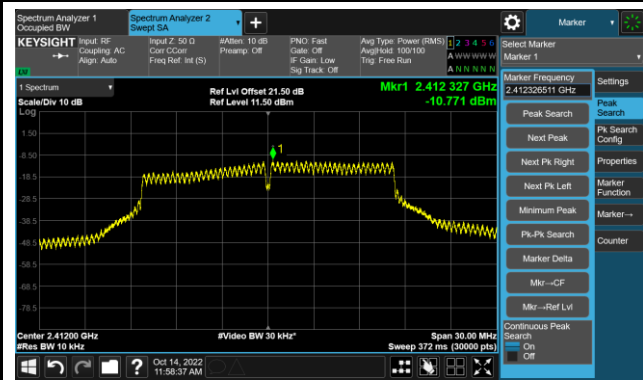


Channel 11 (2462MHz)

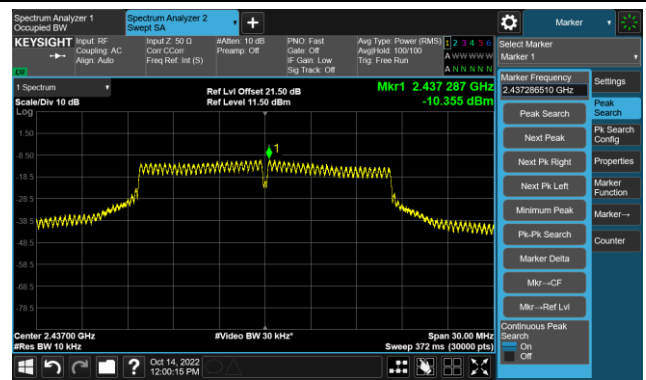


802.11g - PSD - SISO Mode Ant 2

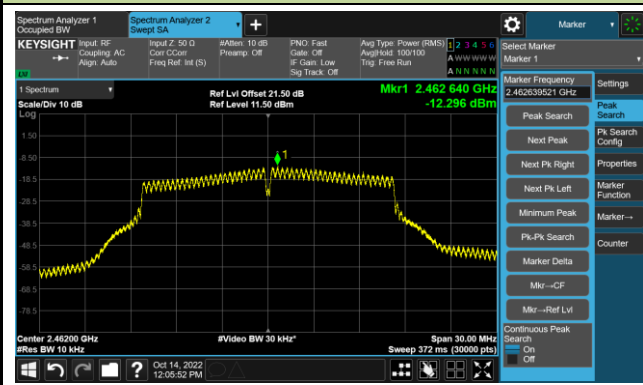
Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022-10-14	Test Mode	MIMO Mode

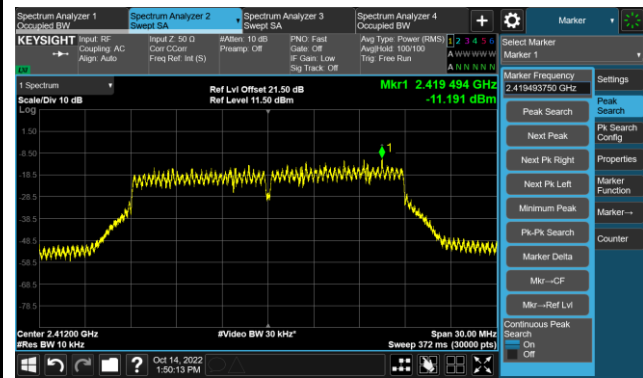
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/10kHz)		Total PSD (dBm/10kHz)	Limit (dBm / 3kHz)	Result
				Ant 1	Ant 2			
802.11n-HT20	MCS0	01	2412	-11.19	-12.98	-6.19	≤ 8.00	Pass
802.11n-HT20	MCS0	06	2437	-9.51	-11.32	-4.51	≤ 8.00	Pass
802.11n-HT20	MCS0	11	2462	-15.72	-17.60	-10.76	≤ 8.00	Pass
802.11n-HT40	MCS0	03	2422	-16.85	-17.76	-13.37	≤ 8.00	Pass
802.11n-HT40	MCS0	06	2437	-17.45	-18.22	-13.91	≤ 8.00	Pass
802.11n-HT40	MCS0	09	2452	-18.03	-19.47	-14.78	≤ 8.00	Pass
VHT20	MCS0	01	2412	-11.10	-10.38	-7.24	≤ 8.00	Pass
VHT20	MCS0	06	2437	-9.41	-11.54	-6.86	≤ 8.00	Pass
VHT20	MCS0	11	2462	-9.28	-9.13	-5.72	≤ 8.00	Pass
VHT40	MCS0	03	2422	-17.04	-17.38	-13.32	≤ 8.00	Pass
VHT40	MCS0	06	2437	-18.23	-19.19	-14.79	≤ 8.00	Pass
VHT40	MCS0	09	2452	-16.25	-17.81	-13.07	≤ 8.00	Pass
802.11ax-HE20	MCS0	01	2412	-9.99	-9.36	-5.35	≤ 8.00	Pass
802.11ax-HE20	MCS0	06	2437	-8.62	-10.37	-5.10	≤ 8.00	Pass
802.11ax-HE20	MCS0	11	2462	-9.13	-7.05	-3.66	≤ 8.00	Pass
802.11ax-HE40	MCS0	03	2422	-18.30	-19.85	-14.94	≤ 8.00	Pass
802.11ax-HE40	MCS0	06	2437	-18.71	-19.19	-14.88	≤ 8.00	Pass
802.11ax-HE40	MCS0	09	2452	-18.88	-20.57	-15.58	≤ 8.00	Pass

Note 1: When EUT Duty Cycle ≤ 98%, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant 1 AVGPDS}/10)} + 10^{(\text{Ant 2 AVGPDS}/10)}\} + 10 \cdot \log (1/\text{Duty Cycle})$.

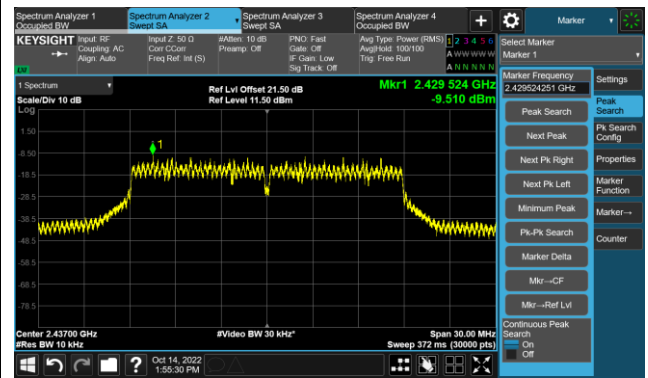
When EUT Duty Cycle ≥ 98%, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant 1 AVGPDS}/10)} + 10^{(\text{Ant 2 AVGPDS}/10)}\}$.

802.11n-HT20 - PSD - Ant 1

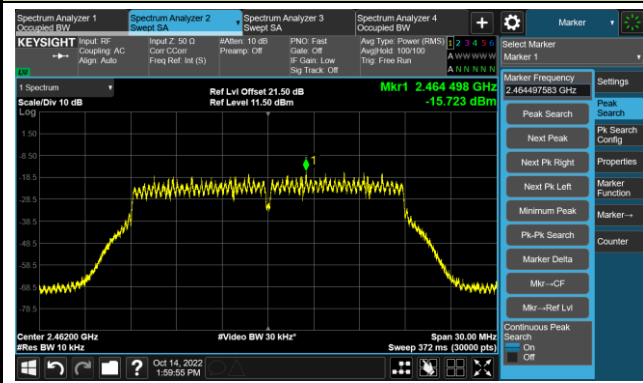
Channel 01 (2412MHz)



Channel 06 (2437MHz)

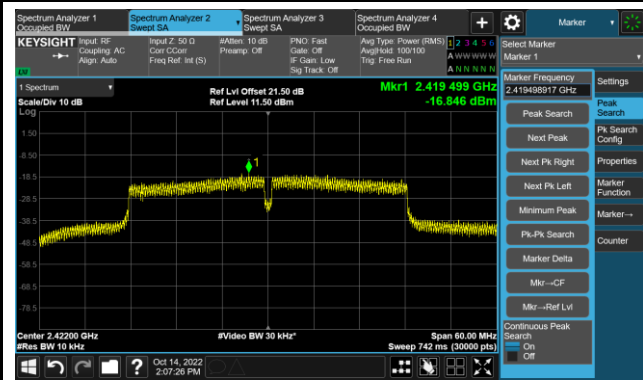


Channel 11 (2462MHz)

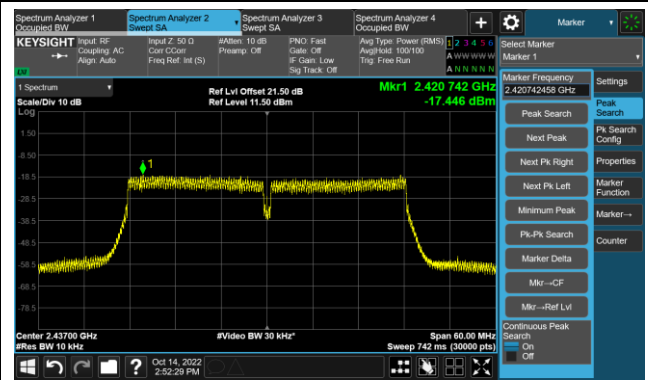


802.11n-HT40 - PSD - Ant 1

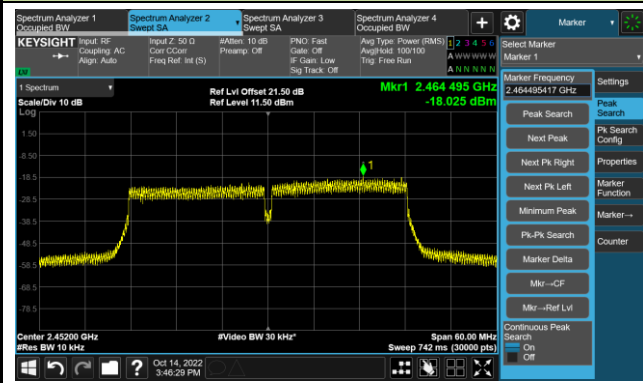
Channel 03 (2422MHz)



Channel 06 (2437MHz)

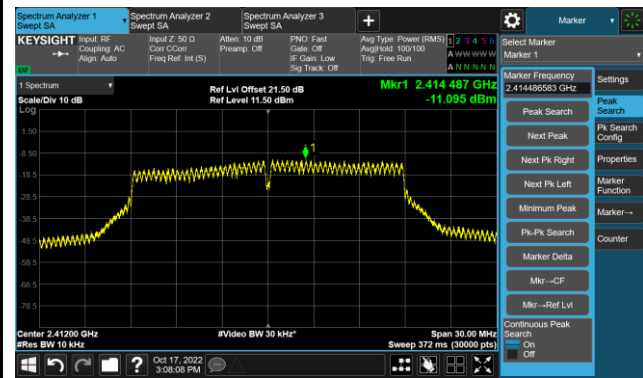


Channel 09 (2452MHz)

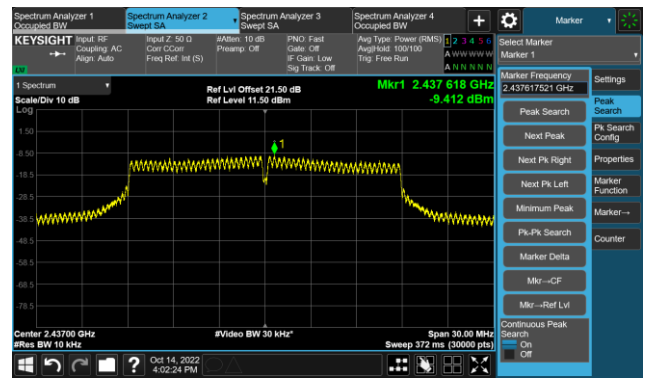


VHT20 - PSD - Ant 1

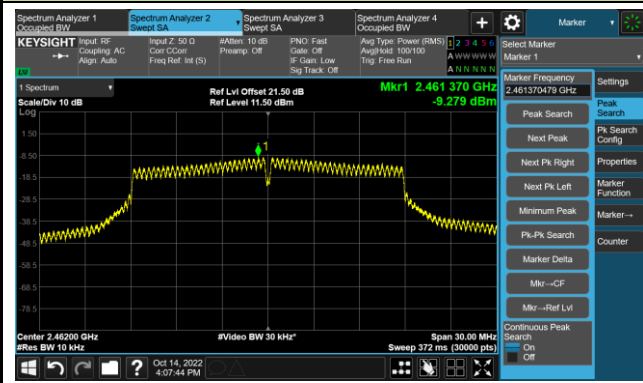
Channel 01 (2412MHz)



Channel 06 (2437MHz)

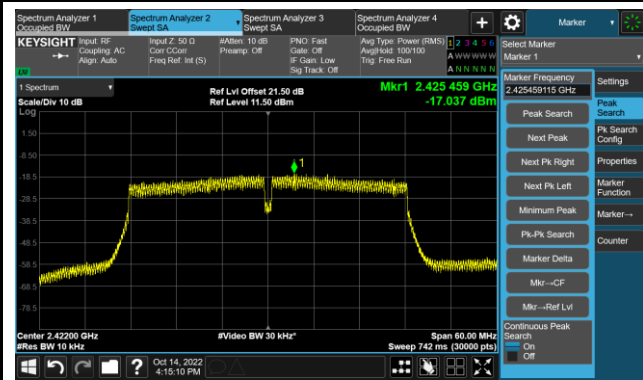


Channel 11 (2462MHz)

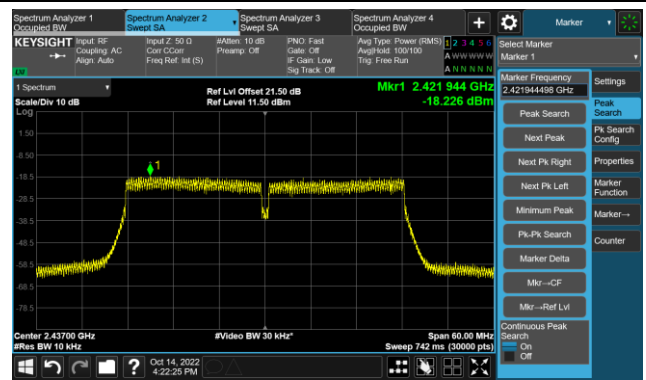


VHT40 - PSD - Ant 1

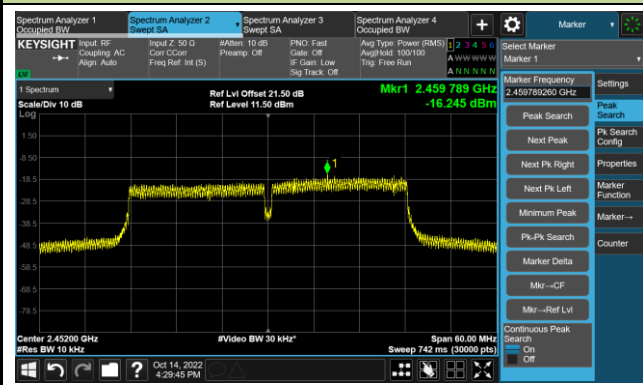
Channel 03 (2422MHz)



Channel 06 (2437MHz)

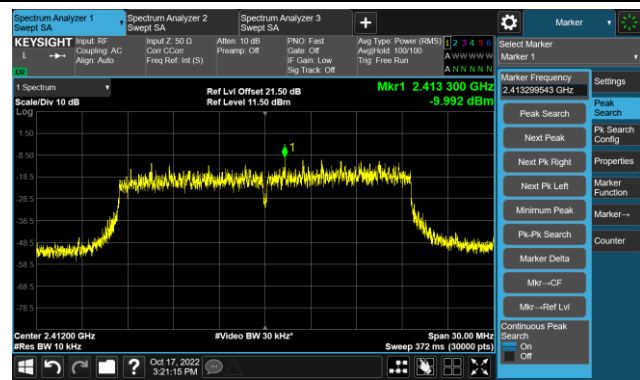


Channel 09 (2452MHz)

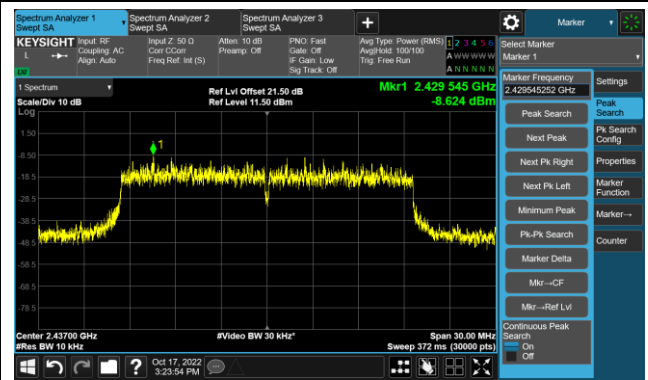


802.11ax-HE20 - PSD - Ant 1

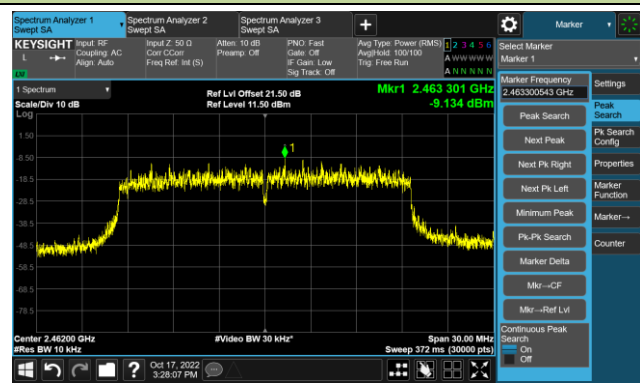
Channel 01 (2412MHz)



Channel 06 (2437MHz)

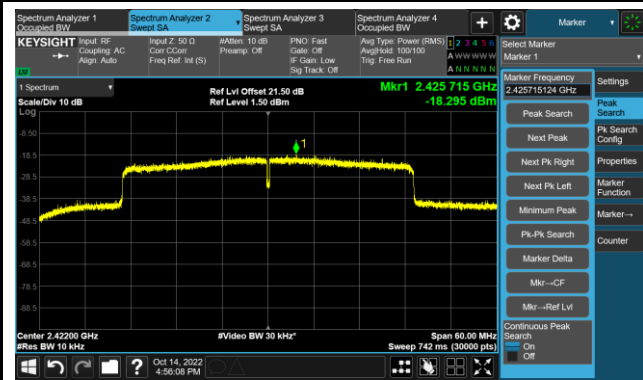


Channel 11 (2462MHz)

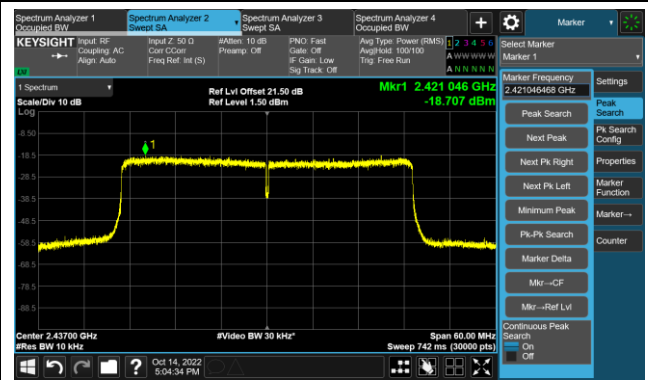


802.11ax-HE40 - PSD - Ant 1

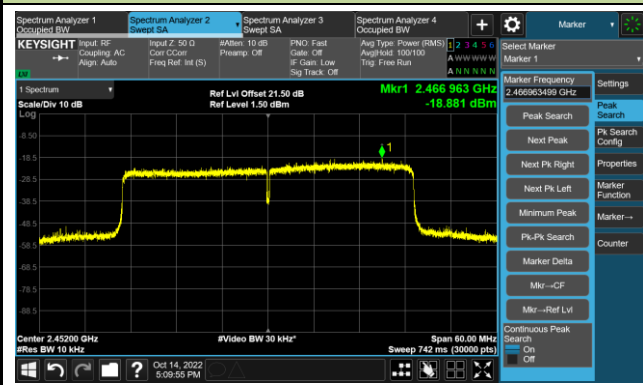
Channel 03 (2422MHz)



Channel 06 (2437MHz)

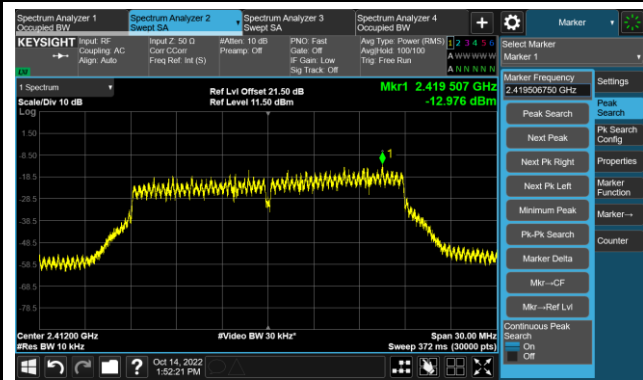


Channel 09 (2452MHz)

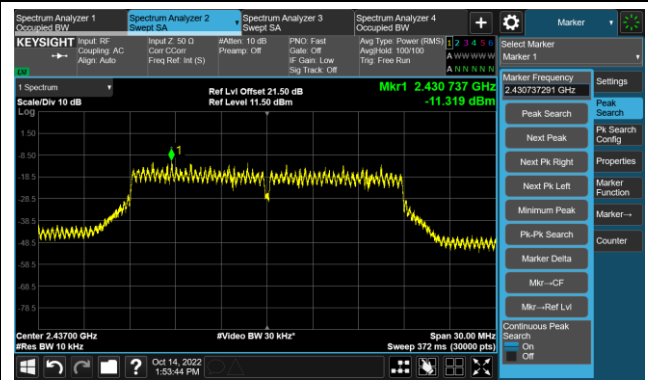


802.11n-HT20 - PSD - Ant 2

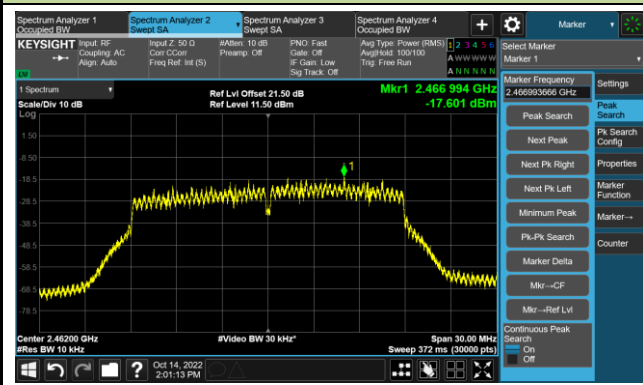
Channel 01 (2412MHz)



Channel 06 (2437MHz)

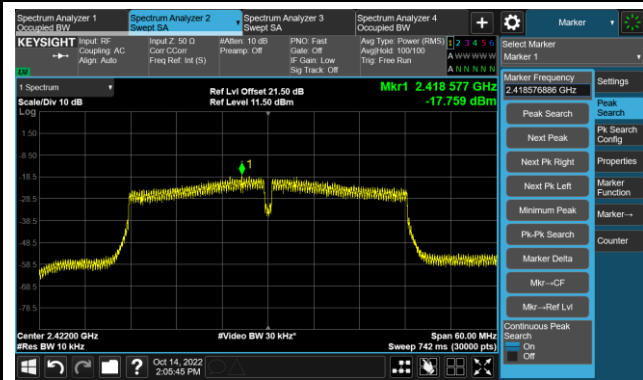


Channel 11 (2462MHz)

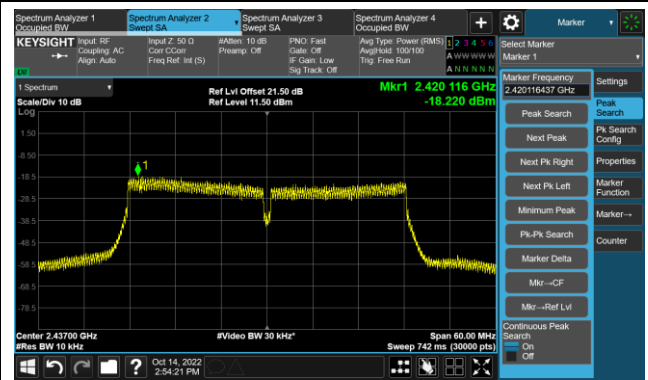


802.11n-HT40 - PSD - Ant 2

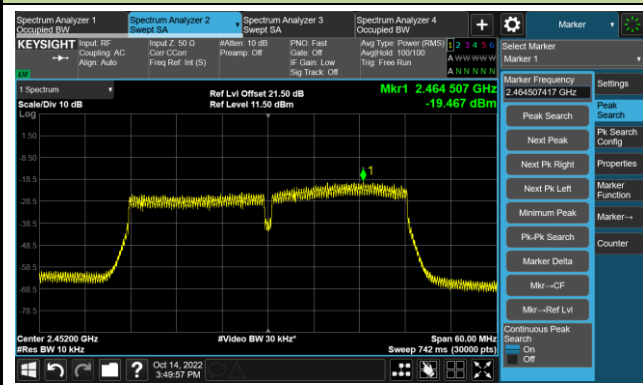
Channel 03 (2422MHz)



Channel 06 (2437MHz)

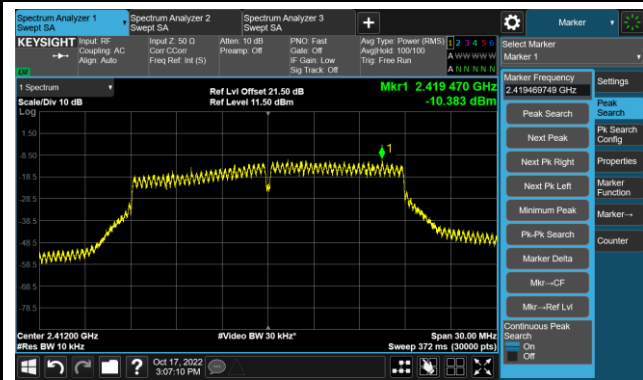


Channel 09 (2452MHz)

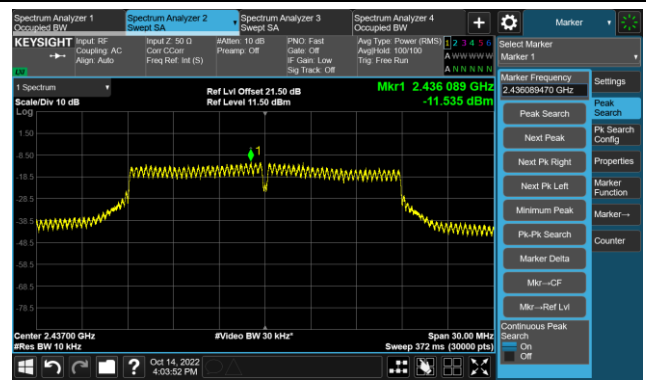


VHT20 - PSD - Ant 2

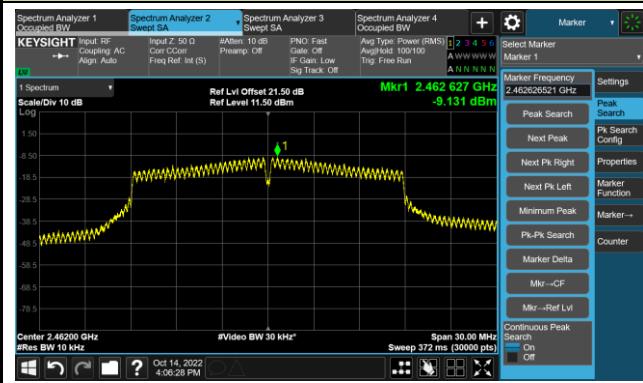
Channel 01 (2412MHz)



Channel 06 (2437MHz)

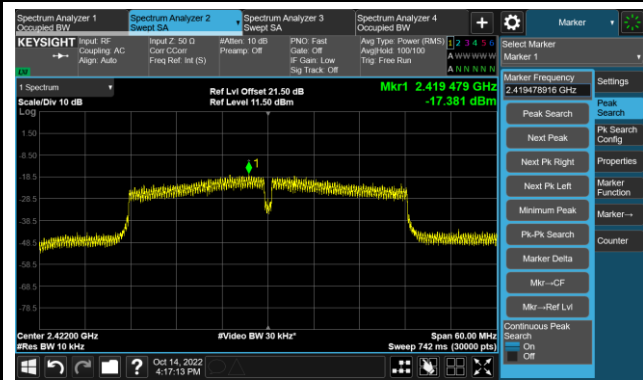


Channel 11 (2462MHz)

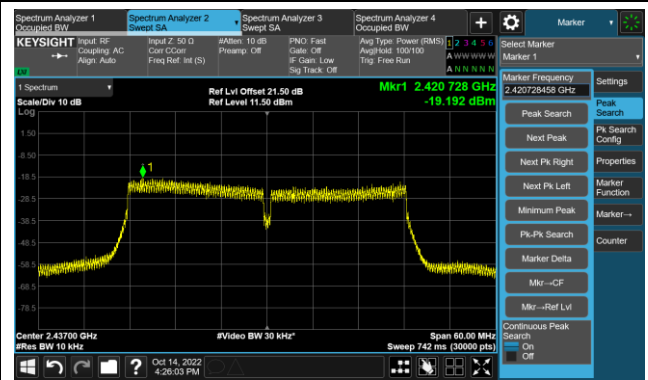


VHT40 - PSD - Ant 2

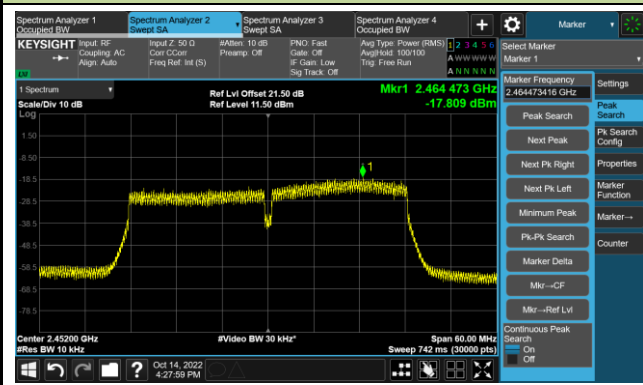
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)

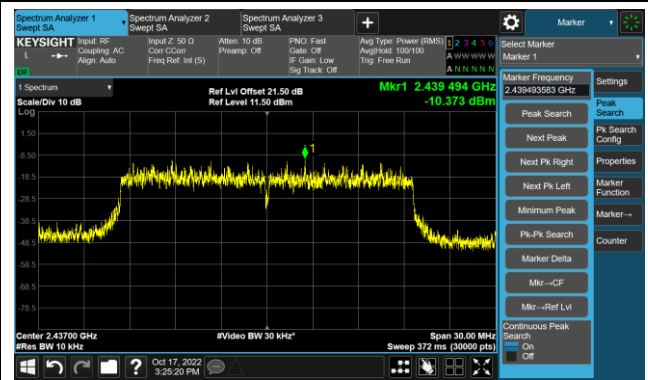


802.11ax-HE20 - PSD - Ant 2

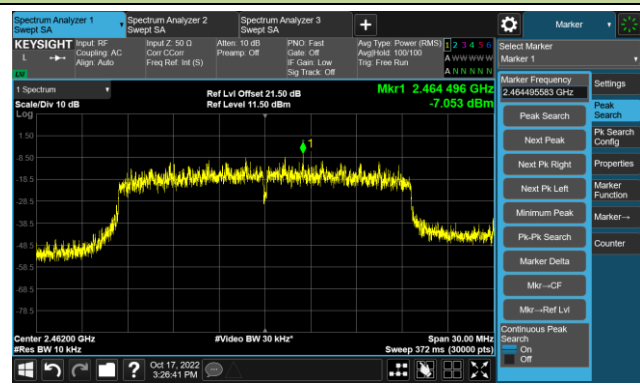
Channel 01 (2412MHz)



Channel 06 (2437MHz)

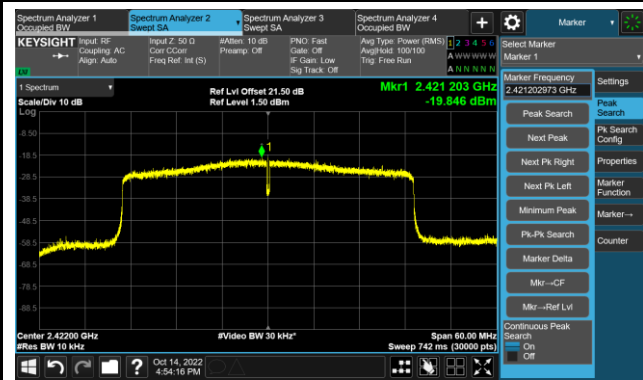


Channel 11 (2462MHz)

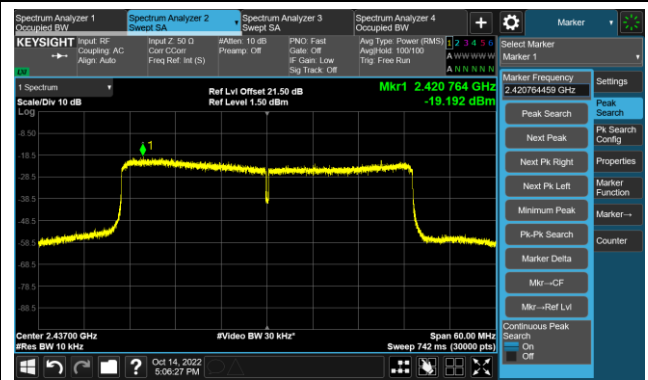


802.11ax-HE40 - PSD - Ant 2

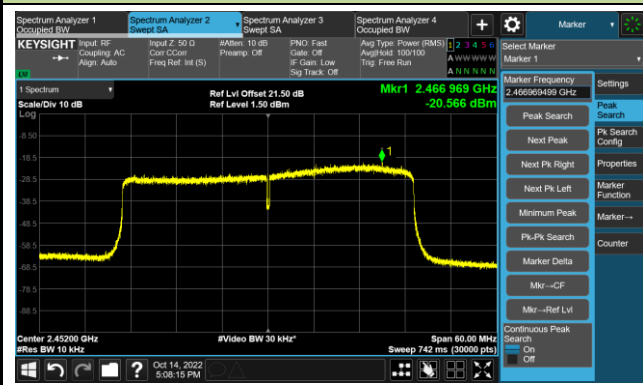
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



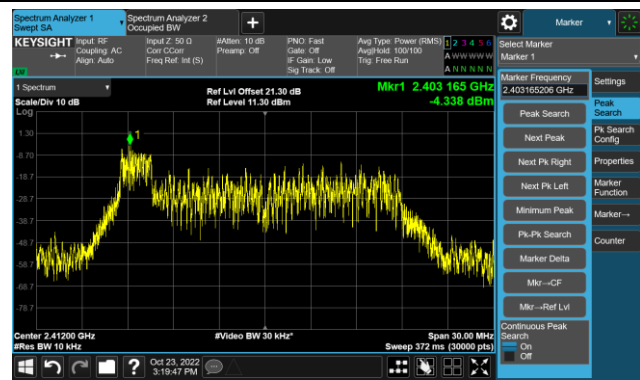
Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022-10-23	Test Mode	MIMO Mode – Partial RU

Test Mode	RU Size	RU Index	Channel No.	Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	Limit (dBm / 3kHz)	Result
					Ant 1	Ant 2			
11ax-HE20	26 Tone	RU 0	01	2412	-4.338	-7.363	-1.14	≤ 8.00	Pass
			06	2437	-2.526	-3.016	1.69	≤ 8.00	Pass
			11	2462	-4.001	-3.560	0.67	≤ 8.00	Pass
		RU 4	01	2412	-2.984	-2.737	1.59	≤ 8.00	Pass
			06	2437	-2.636	-2.736	1.76	≤ 8.00	Pass
			11	2462	-2.252	-1.819	2.42	≤ 8.00	Pass
		RU 8	01	2412	-1.679	-1.907	2.66	≤ 8.00	Pass
			06	2437	-1.939	-5.304	1.15	≤ 8.00	Pass
			11	2462	-6.820	-10.295	-3.77	≤ 8.00	Pass
	242 Tone	RU 61	01	2412	-9.008	-10.955	-4.45	≤ 8.00	Pass
			06	2437	-7.316	-9.351	-2.79	≤ 8.00	Pass
			11	2462	-15.765	-15.165	-10.03	≤ 8.00	Pass
11ax-HE40	26 Tone	RU 0	03	2422	-7.018	-11.039	-4.12	≤ 8.00	Pass
			06	2437	-8.599	-7.811	-3.73	≤ 8.00	Pass
			09	2452	-7.133	-8.230	-3.19	≤ 8.00	Pass
		RU 8	03	2422	-7.274	-8.096	-3.20	≤ 8.00	Pass
			06	2437	-5.376	-8.822	-2.30	≤ 8.00	Pass
			09	2452	-6.304	-6.321	-1.85	≤ 8.00	Pass
		RU 17	03	2422	-7.235	-8.278	-3.26	≤ 8.00	Pass
			06	2437	-8.725	-8.242	-4.02	≤ 8.00	Pass
			09	2452	-9.394	-9.394	-4.93	≤ 8.00	Pass
	484 Tone	RU 65	03	2422	-15.715	-16.843	-10.78	≤ 8.00	Pass
			06	2437	-15.841	-15.495	-10.20	≤ 8.00	Pass
			09	2452	-14.711	-17.188	-10.31	≤ 8.00	Pass

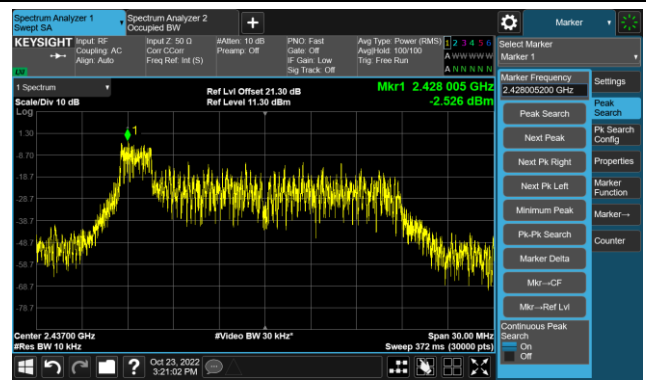
Note: When EUT Duty Cycle < 98%, Total AVGPDS = $10^{\log \{10^{(\text{Ant 1 AVGPDS}/10)} + 10^{(\text{Ant 2 AVGPDS}/10)}\}} + 10^{\log (1/\text{Duty Cycle})}$.

802.11ax-HE20 - PSD - Ant 1 - 26 Tone RU 0

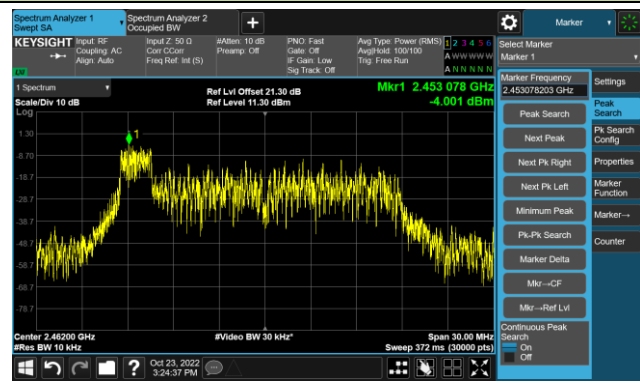
Channel 01 (2412MHz)



Channel 06 (2437MHz)

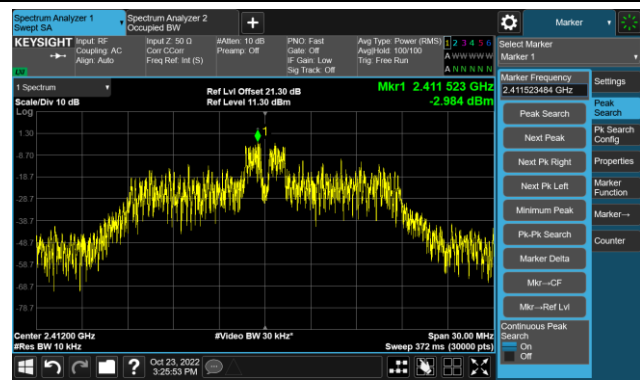


Channel 11 (2462MHz)

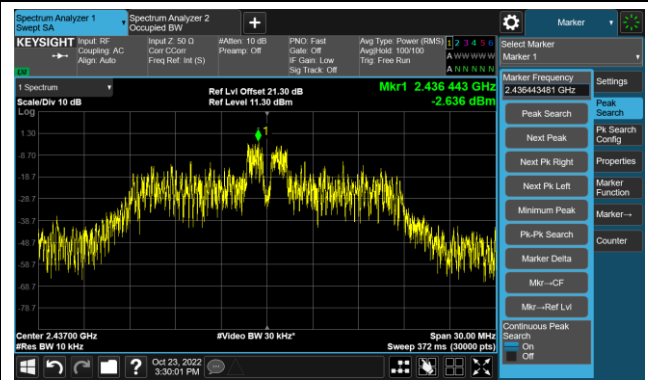


802.11ax-HE20 - PSD - Ant 1 - 26 Tone RU 4

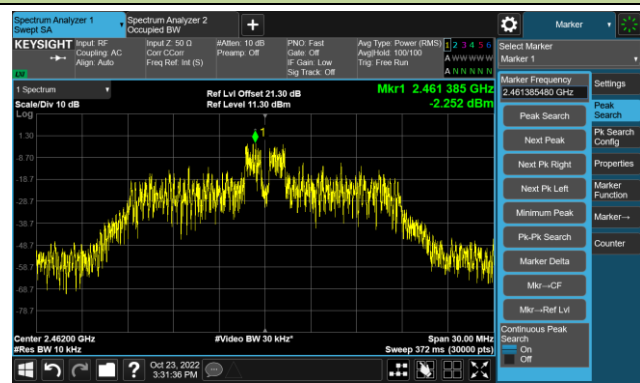
Channel 01 (2412MHz)



Channel 06 (2437MHz)

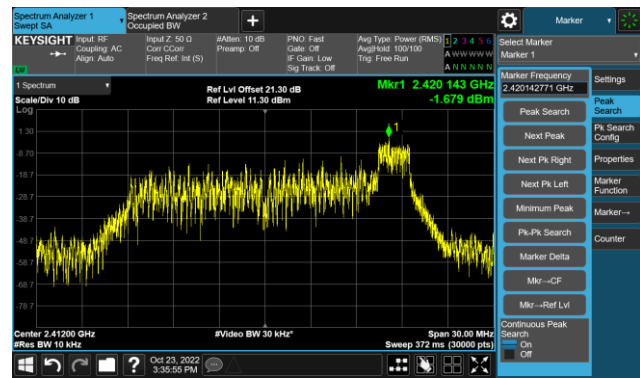


Channel 11 (2462MHz)

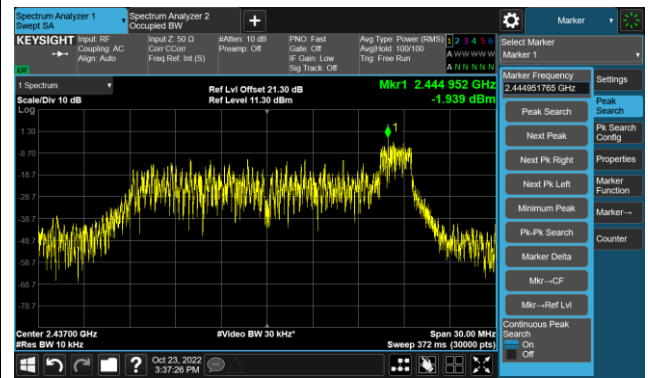


802.11ax-HE20 - PSD - Ant 1 - 26 Tone RU 8

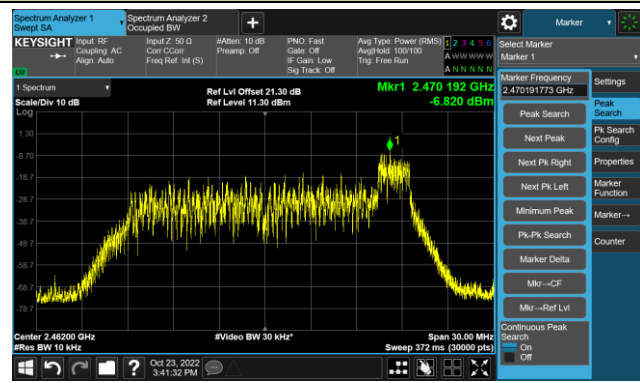
Channel 01 (2412MHz)



Channel 06 (2437MHz)

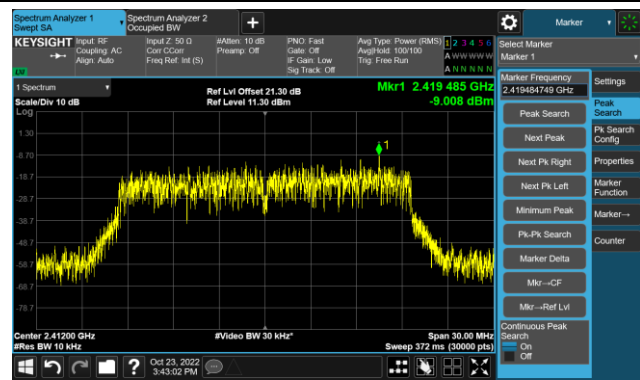


Channel 11 (2462MHz)

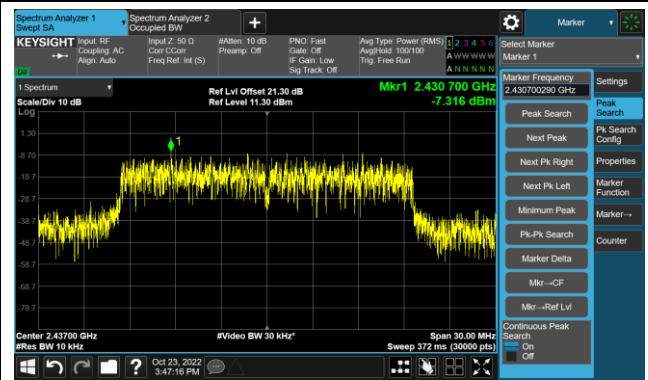


802.11ax-HE20 - PSD - Ant 1 - 242 Tone RU 61

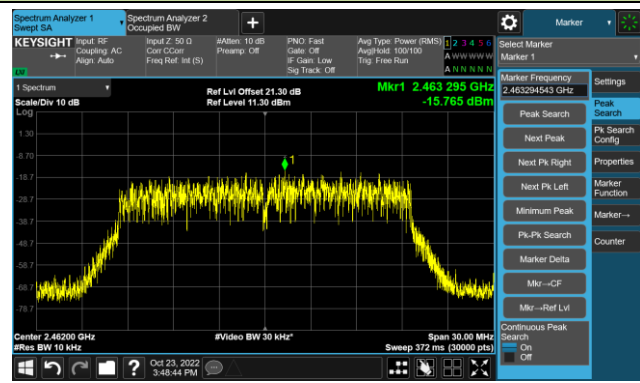
Channel 01 (2412MHz)



Channel 06 (2437MHz)

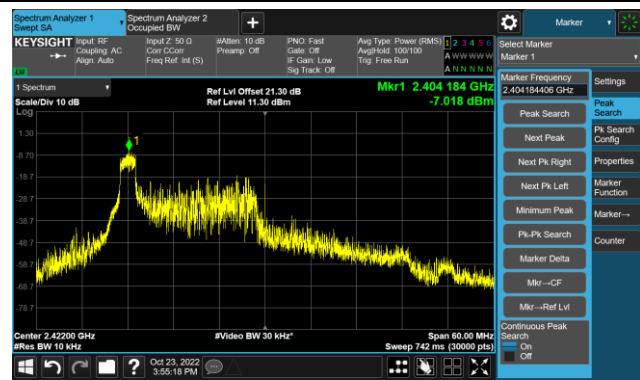


Channel 11 (2462MHz)

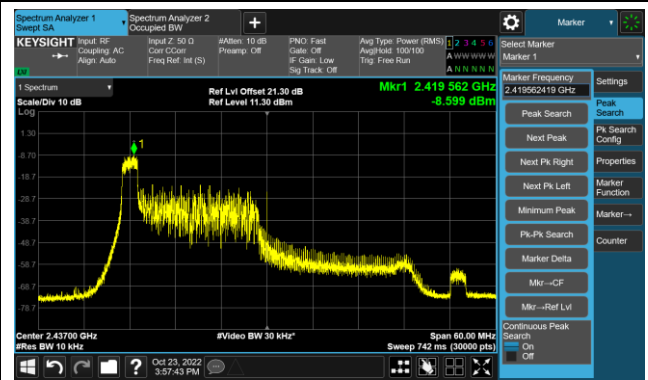


802.11ax-HE40 - PSD - Ant 1 - 26 Tone RU 0

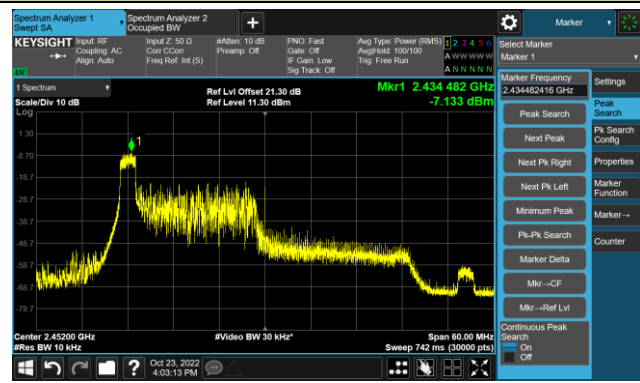
Channel 03 (2422MHz)



Channel 06 (2437MHz)

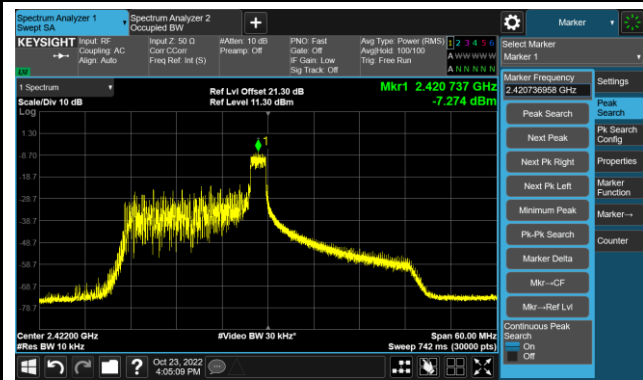


Channel 09 (2452MHz)

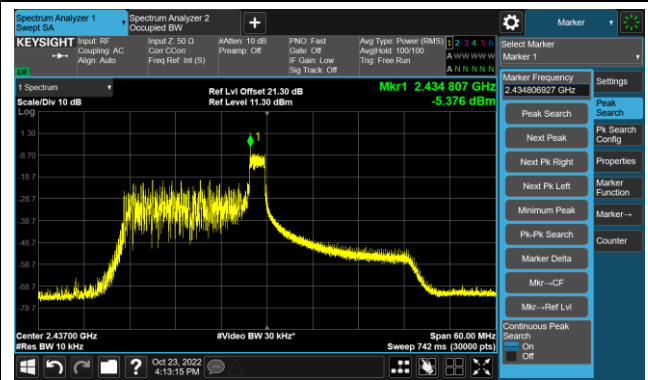


802.11ax-HE40 - PSD - Ant 1 - 26 Tone RU 8

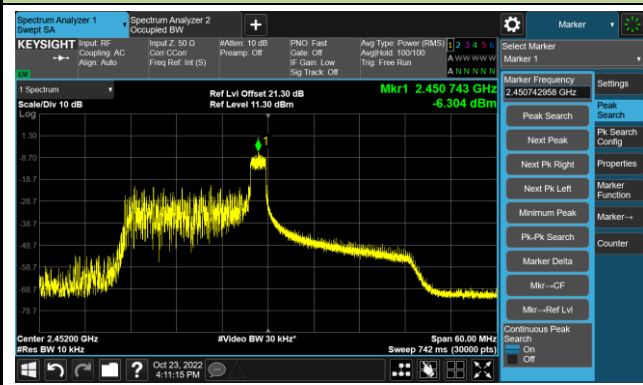
Channel 03 (2422MHz)



Channel 06 (2437MHz)

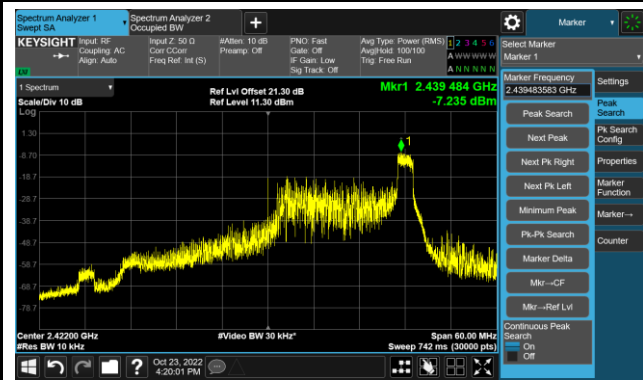


Channel 09 (2452MHz)

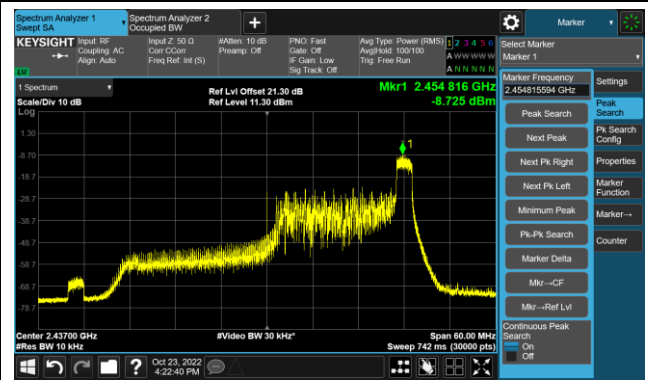


802.11ax-HE40 - PSD - Ant 1 - 26 Tone RU 17

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)

