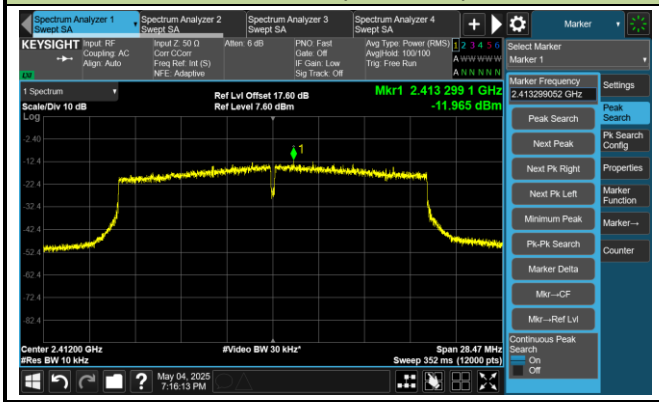
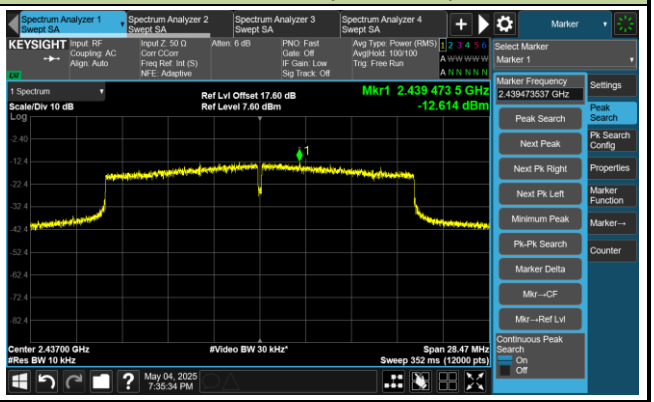
802.11ax-HE20 - AVGPSD - Ant 3

Channel 01 (2412MHz)



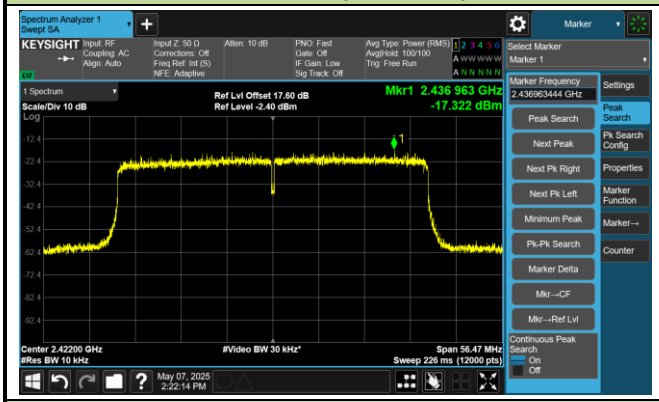
Channel 06 (2437MHz)



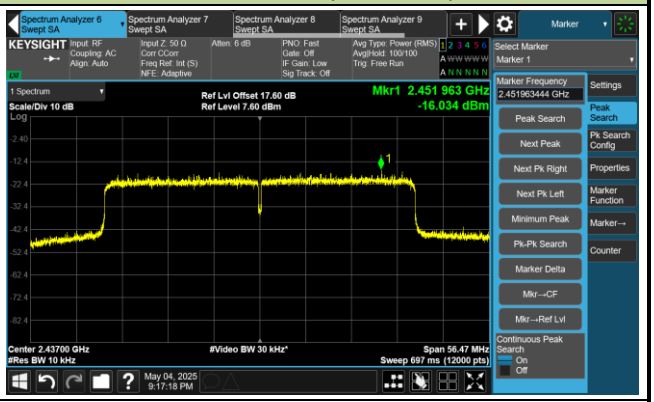
Channel 11 (2462MHz)

802.11ax-HE40 - AVGPSD - Ant 3

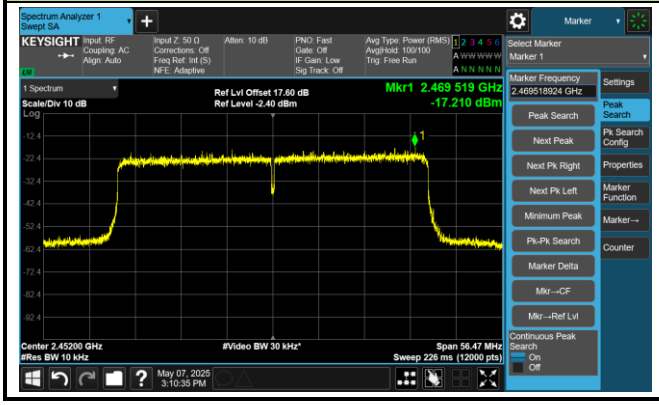
Channel 03 (2422MHz)



Channel 06 (2437MHz)

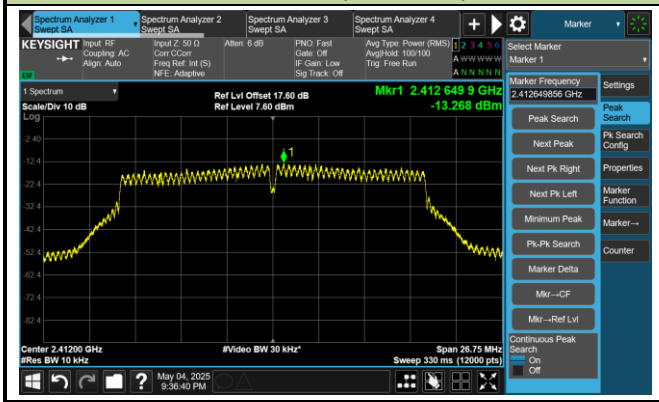


Channel 09 (2452MHz)

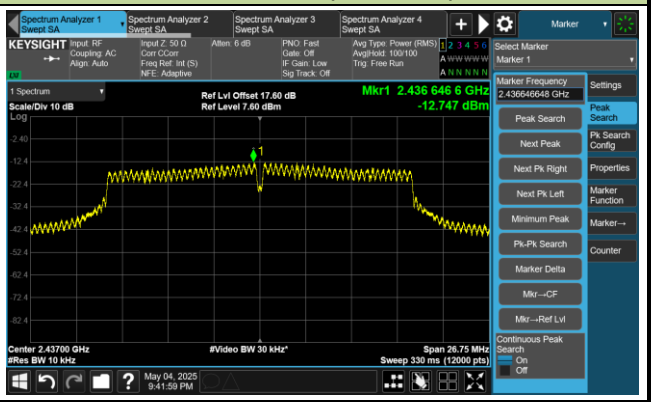


VHT20 - AVGPSD - Ant 3

Channel 01 (2412MHz)



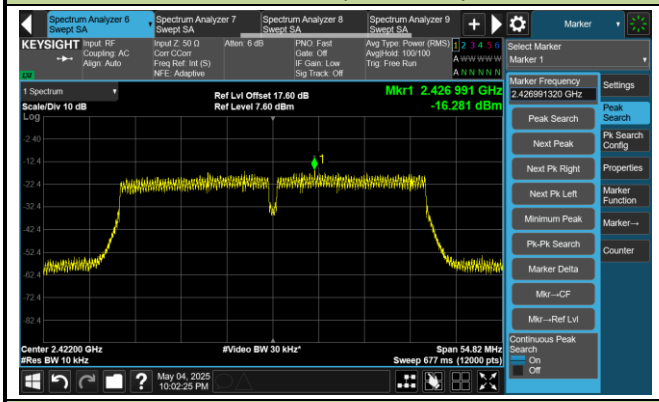
Channel 06 (2437MHz)



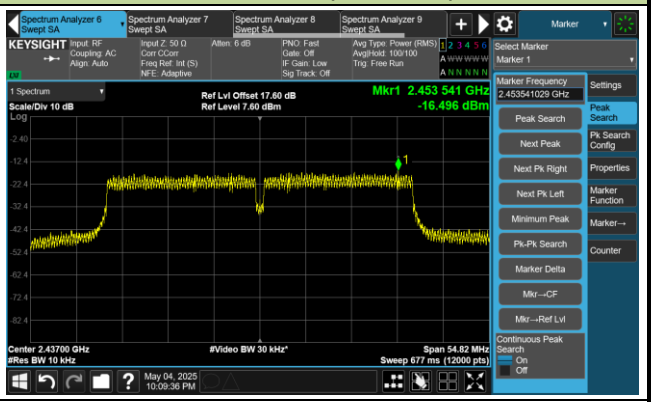
Channel 11 (2462MHz)

VHT40 - AVGPSD - Ant 3

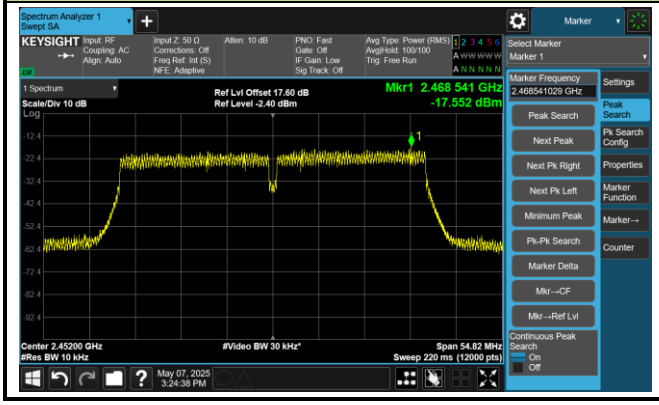
Channel 03 (2422MHz)



Channel 06 (2437MHz)

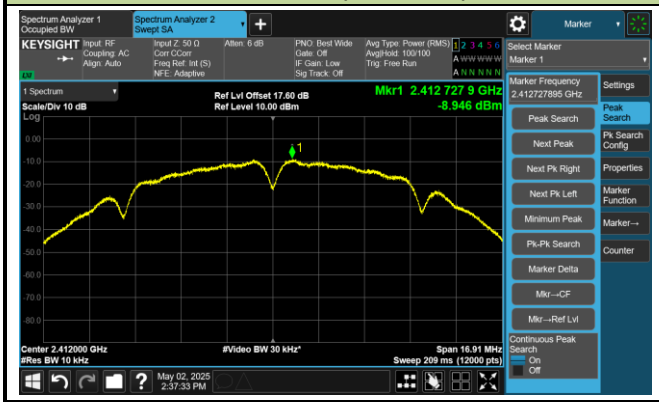


Channel 09 (2452MHz)

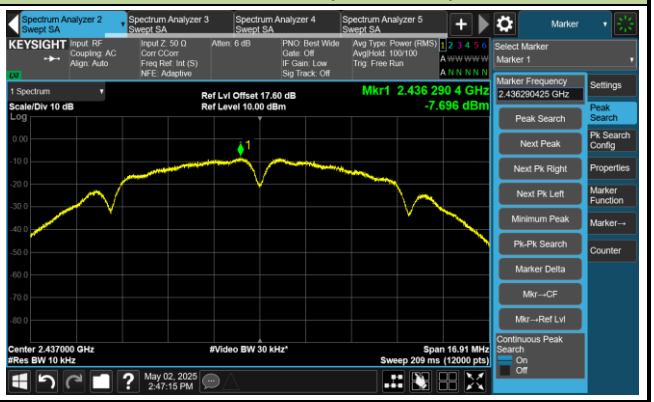


802.11b - AVGPSD - Ant 2

Channel 01 (2412MHz)



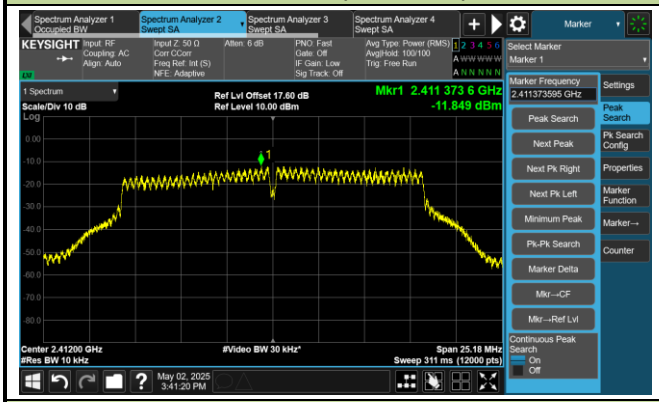
Channel 06 (2437MHz)



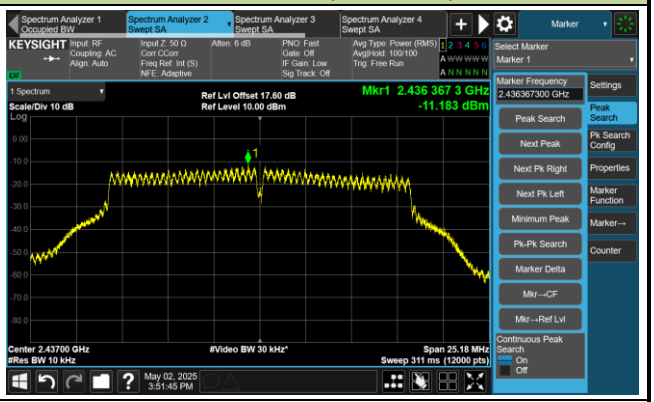
Channel 11 (2462MHz)

802.11g - AVGPSD - Ant 2

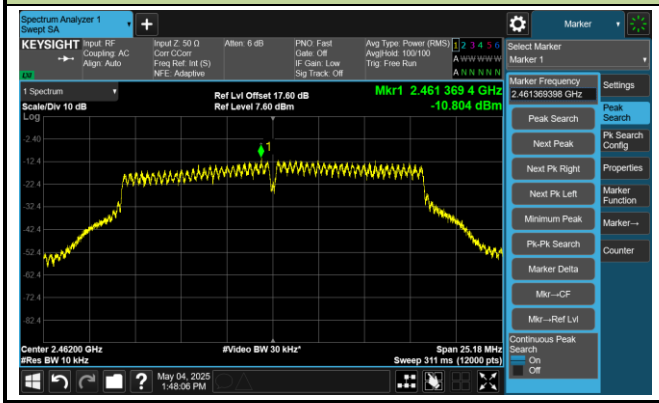
Channel 01 (2412MHz)



Channel 06 (2437MHz)

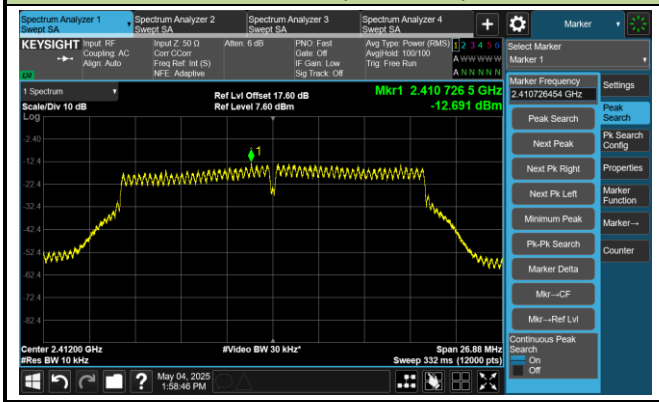


Channel 11 (2462MHz)

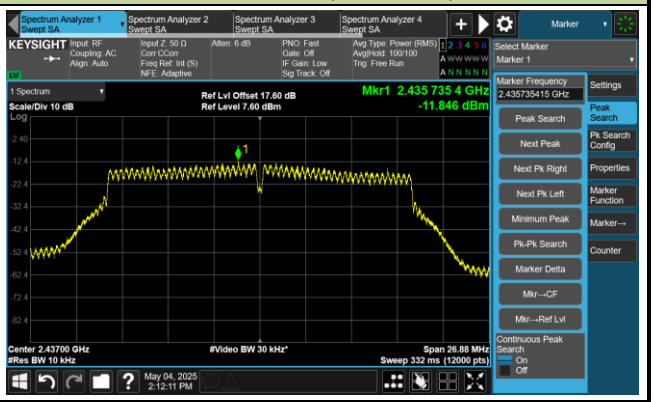


802.11n-HT20 - AVGPSD - Ant 2

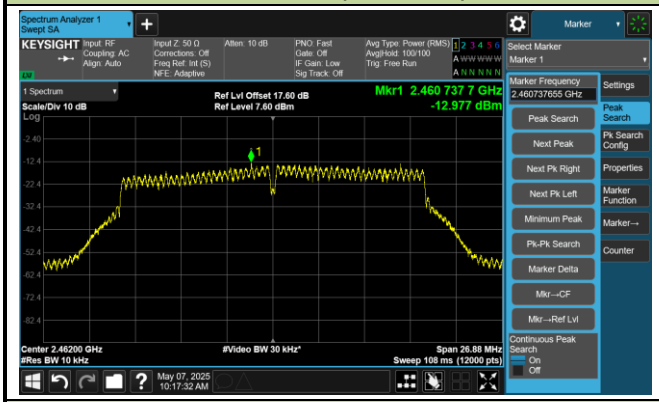
Channel 01 (2412MHz)



Channel 06 (2437MHz)

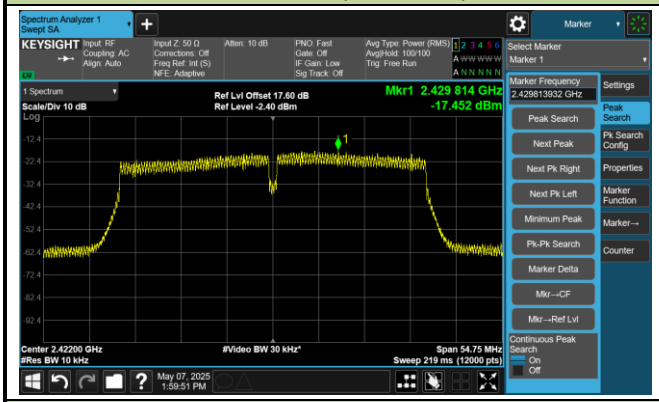


Channel 11 (2462MHz)

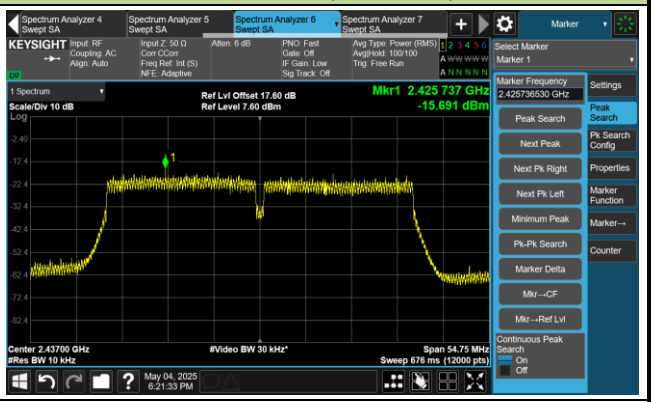


802.11n-HT40 - AVGPSD - Ant 2

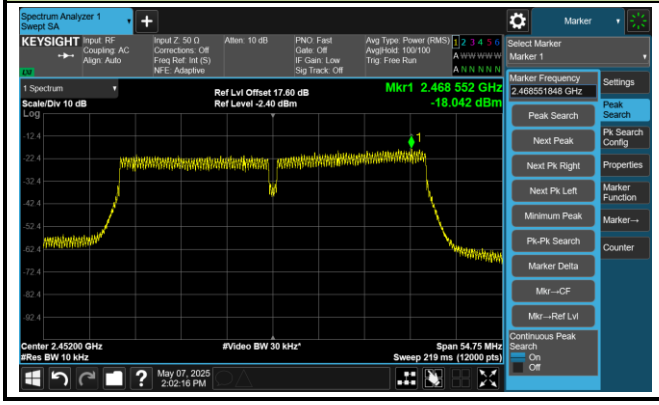
Channel 03 (2422MHz)



Channel 06 (2437MHz)

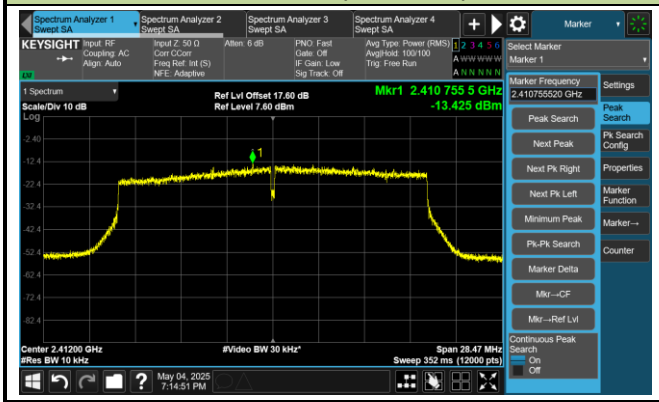


Channel 09 (2452MHz)

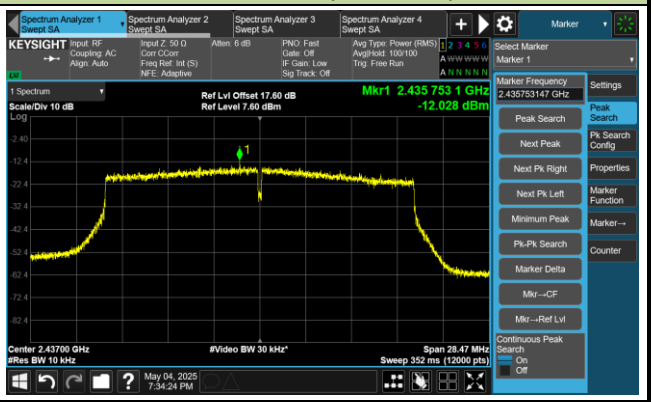


802.11ax-HE20 - AVGPSD - Ant 2

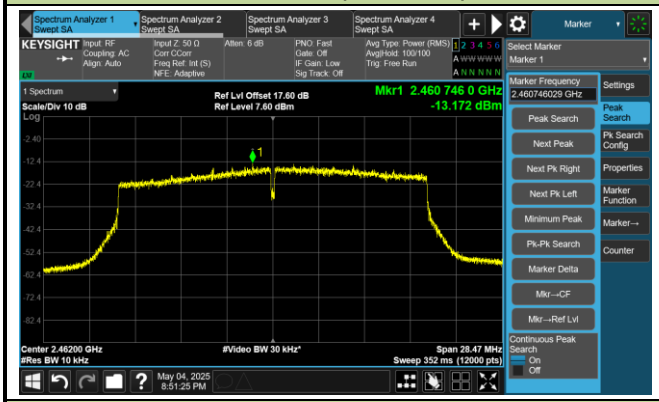
Channel 01 (2412MHz)



Channel 06 (2437MHz)

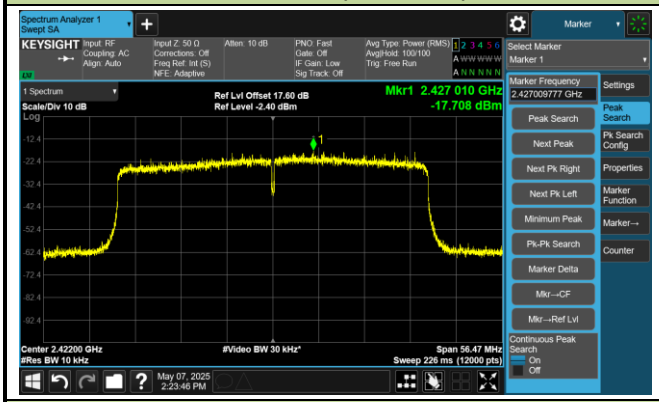


Channel 11 (2462MHz)

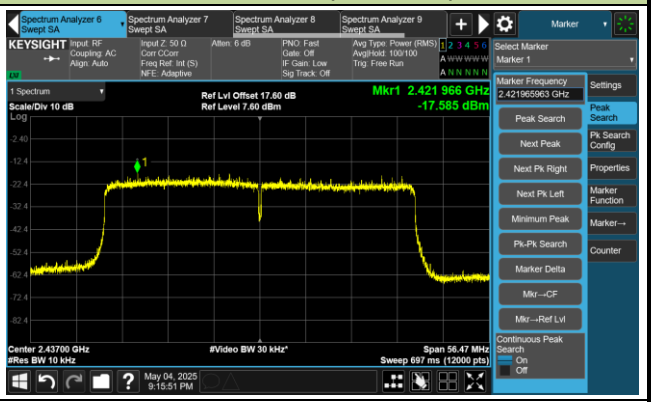


802.11ax-HE40 - AVGPSD - Ant 2

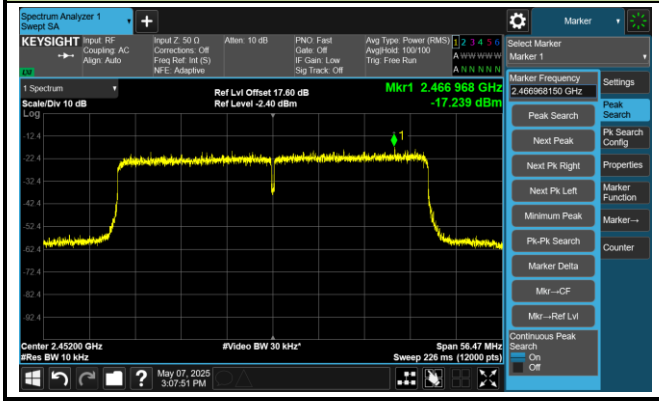
Channel 03 (2422MHz)



Channel 06 (2437MHz)

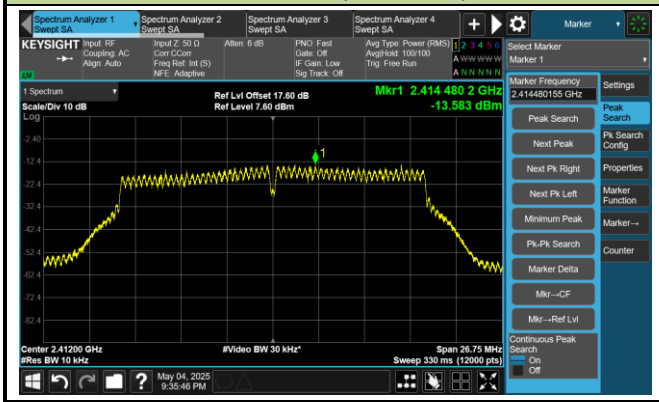


Channel 09 (2452MHz)

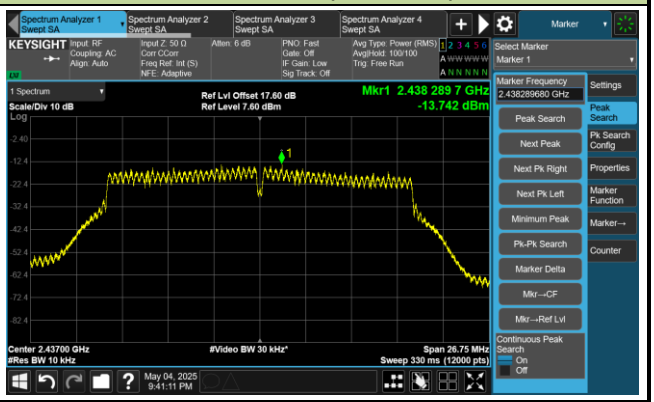


VHT20 - AVGPSD - Ant 2

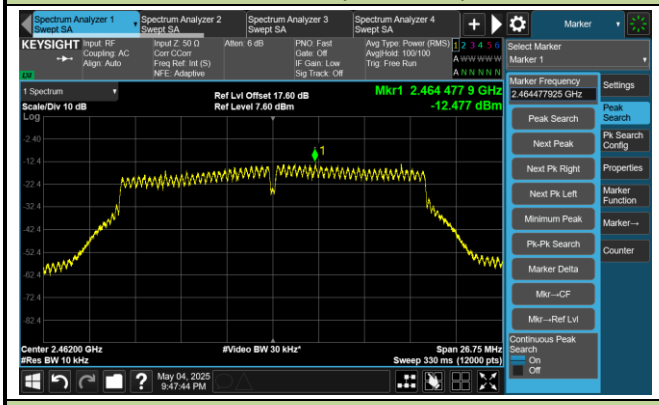
Channel 01 (2412MHz)



Channel 06 (2437MHz)

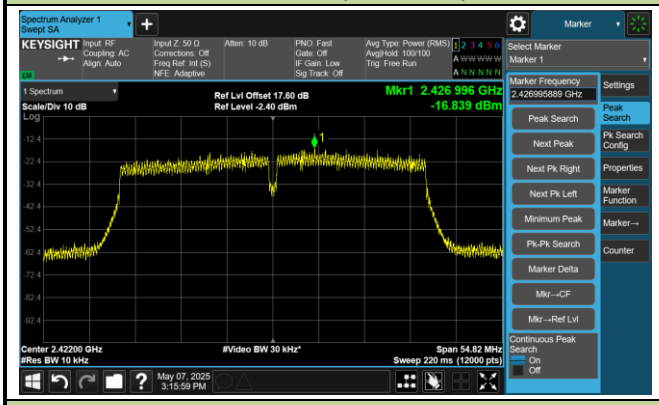


Channel 11 (2462MHz)

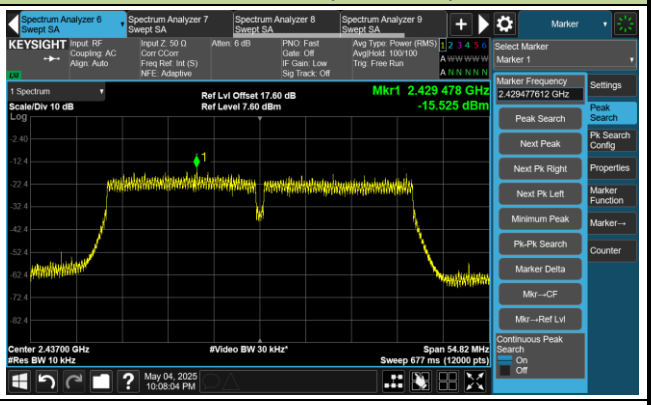


VHT40 - AVGPSD - Ant 2

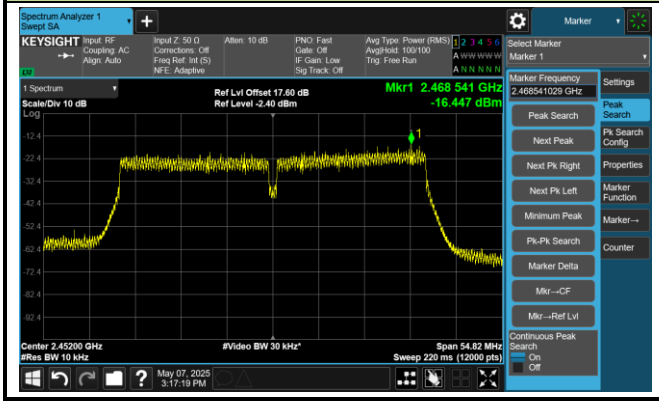
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



Partial RU

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-05-08 ~ 2025-05-21		

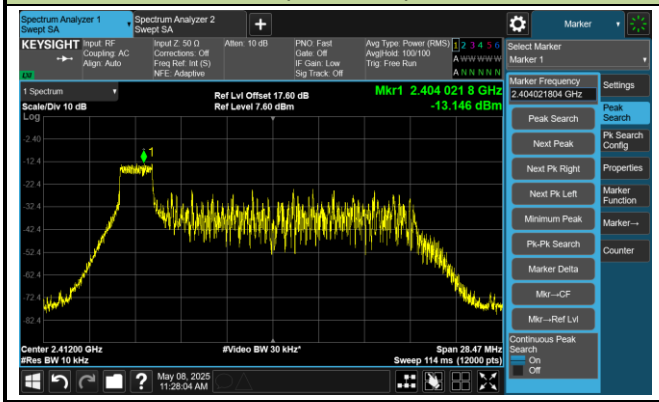
Test Mode	Data Rate /MCS	Channel No.	Freq. (MHz)	RU size/ index	PSD (dBm / 10kHz)		Duty Cycle (%)	Total PSD (dBm /10kHz)	Limit (dBm / 3kHz)
					Ant 3	Ant 2			
11ax-HE20	MCS0	01	2412	RU26/0	-13.146	-14.276	71.92	-9.23	≤ 6.19
				RU52/37	-13.234	-13.567	71.92	-8.96	≤ 6.19
				RU106/53	-12.870	-14.715	71.92	-9.25	≤ 6.19
				RU242/61	-12.952	-13.235	71.92	-8.65	≤ 6.19
		06	2437	RU26/4	-13.053	-13.291	71.92	-8.73	≤ 6.19
				RU52/38	-12.817	-13.247	71.92	-8.58	≤ 6.19
				RU106/53	-13.026	-13.262	71.92	-8.70	≤ 6.19
				RU242/61	-12.553	-13.186	71.92	-8.42	≤ 6.19
		11	2462	RU26/8	-13.977	-14.133	71.92	-9.61	≤ 6.19
				RU52/40	-13.661	-14.265	71.92	-9.51	≤ 6.19
				RU106/54	-14.304	-14.047	71.92	-9.73	≤ 6.19
				RU242/61	-13.262	-14.534	71.92	-9.41	≤ 6.19
11ax-HE40	MCS0	03	2422	RU484/65	-19.094	-19.234	56.71	-13.69	≤ 6.19
		06	2437	RU484/65	-18.589	-18.684	56.71	-13.16	≤ 6.19
		09	2452	RU484/65	-18.204	-19.318	56.71	-13.25	≤ 6.19

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

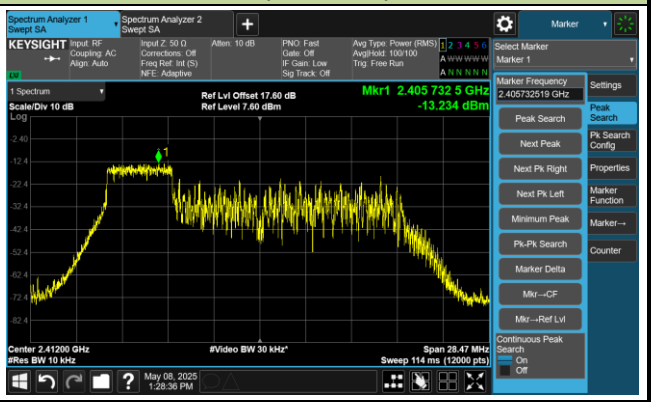
When EUT duty cycle < 98%, Total PSD (dBm/MHz) =10*log {$0^{(\text{Ant 3 PSD}/10)}$ + $10^{(\text{Ant 2 PSD}/10)}$} (dBm / 10kHz) +10*log (1/Duty cycle).

802.11ax-HE20 - AVGPSD - Ant 3

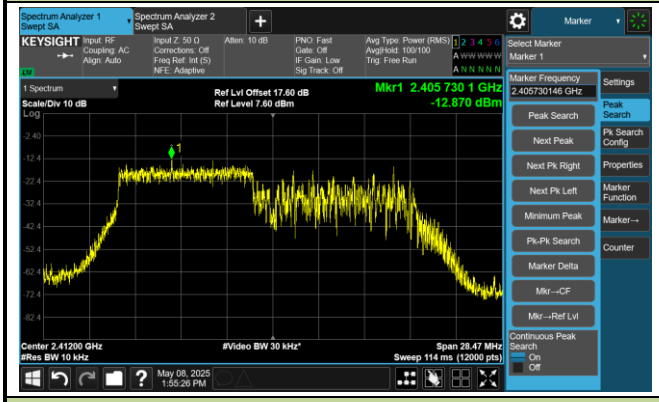
Channel 01 (2412MHz) - RU26/0



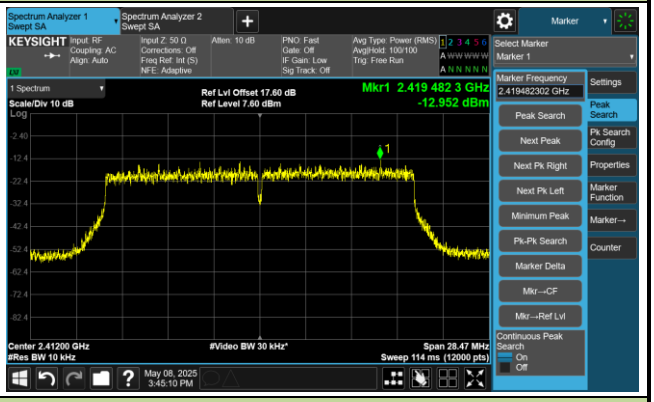
Channel 01 (2412MHz) - RU52/37



Channel 01 (2412MHz) - RU106/53

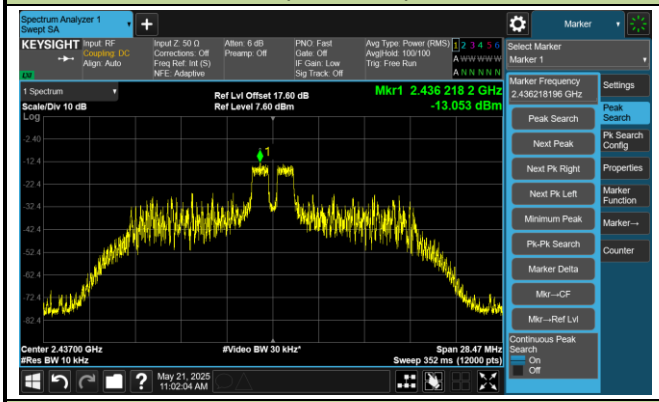


Channel 01 (2412MHz) - RU242/61

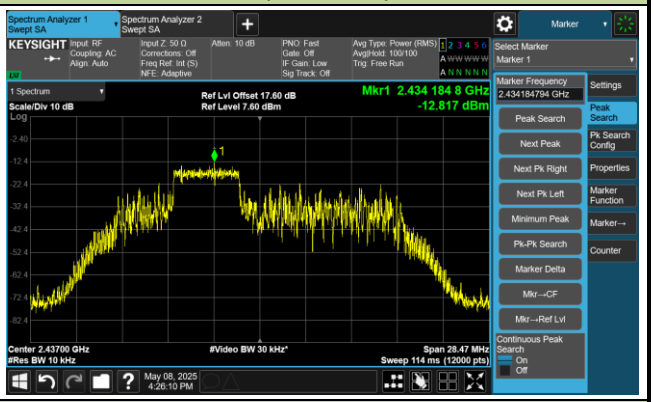


802.11ax-HE20 - AVGPSD - Ant 3

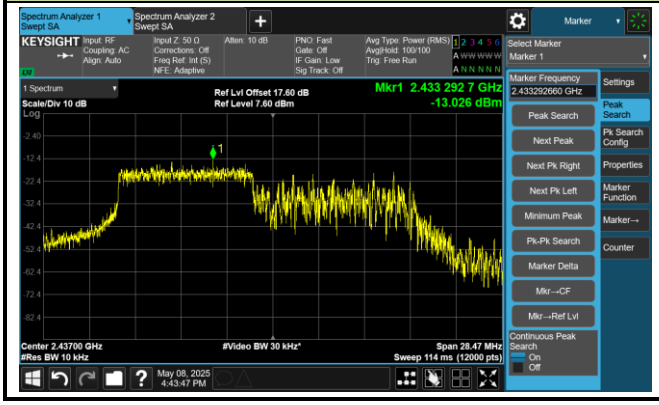
Channel 06 (2437MHz) - RU26/4



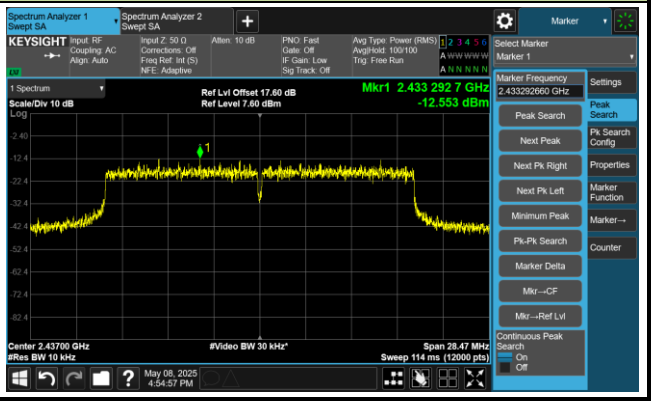
Channel 06 (2437MHz) - RU52/38



Channel 06 (2437MHz) - RU106/53

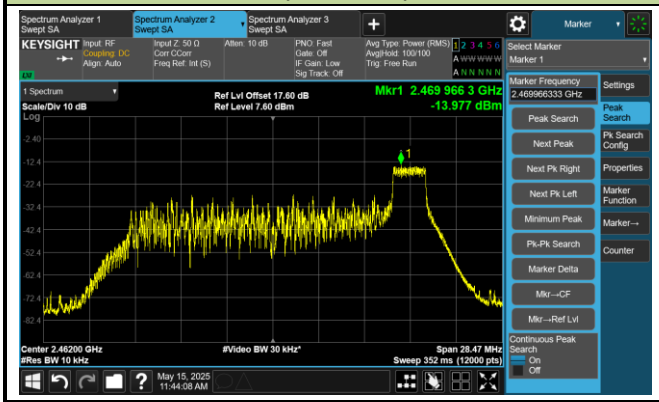


Channel 06 (2437MHz) - RU242/61

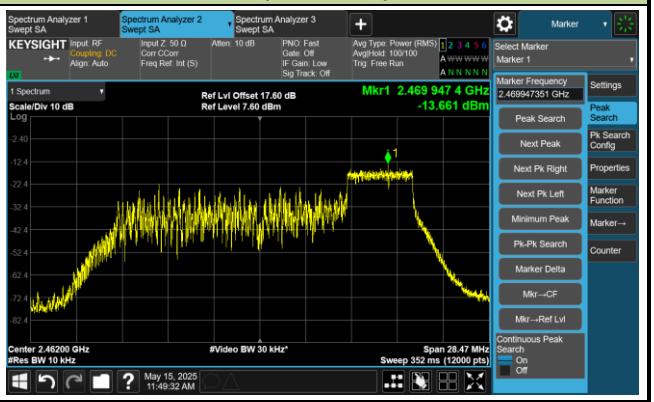


802.11ax-HE20 - AVGPSD - Ant 3

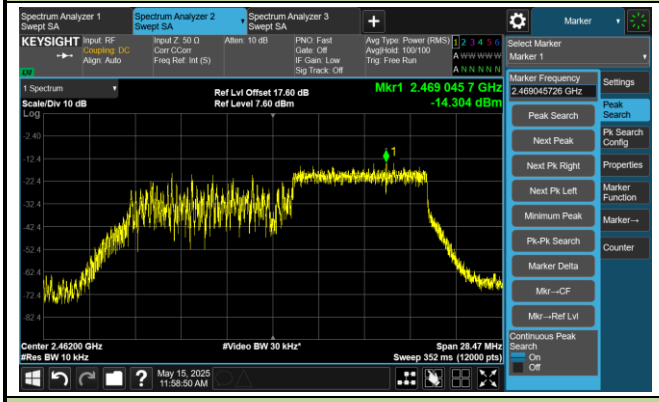
Channel 11 (2462MHz) - RU26/8



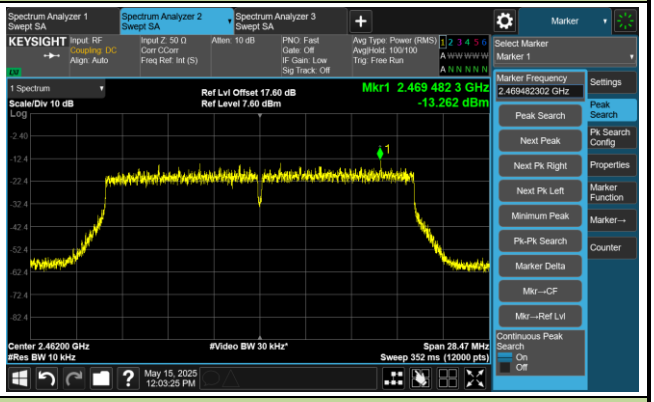
Channel 11 (2462MHz) - RU52/40



Channel 11 (2462MHz) - RU106/54

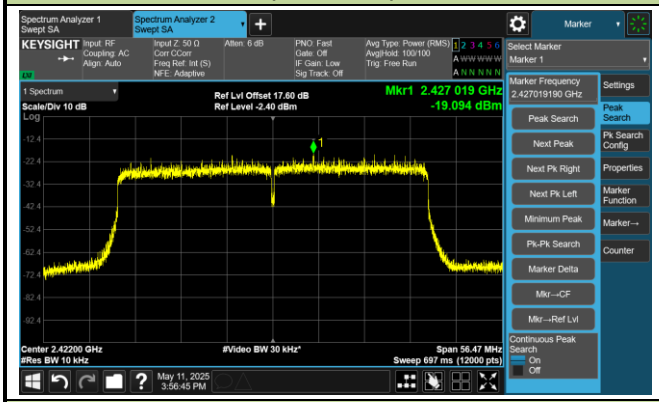


Channel 11 (2462MHz) - RU242/61

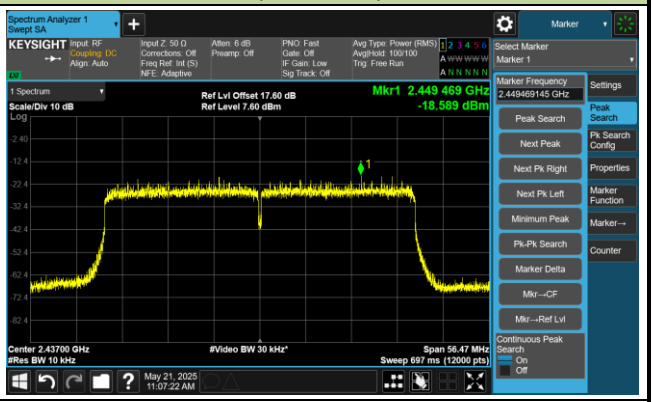


802.11ax-HE40 - AVGPSD - Ant 3

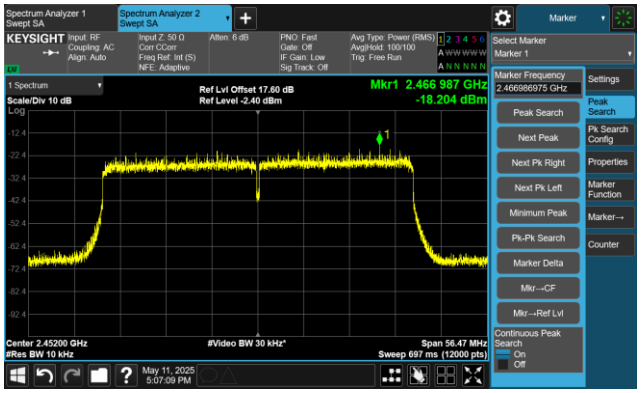
Channel 03 (2422MHz) - RU484/65



Channel 06 (2437MHz) - RU484/65

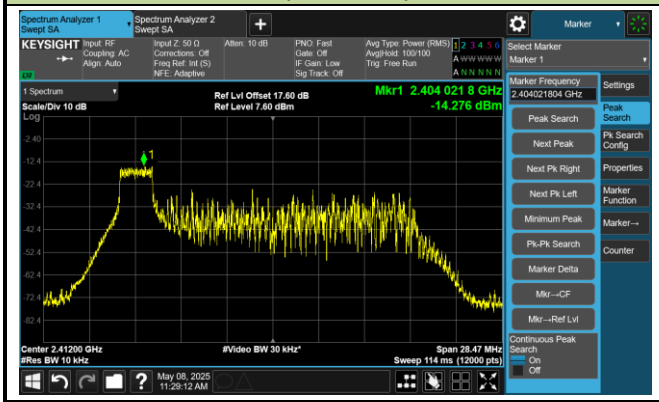


Channel 09 (2452MHz) - RU484/65

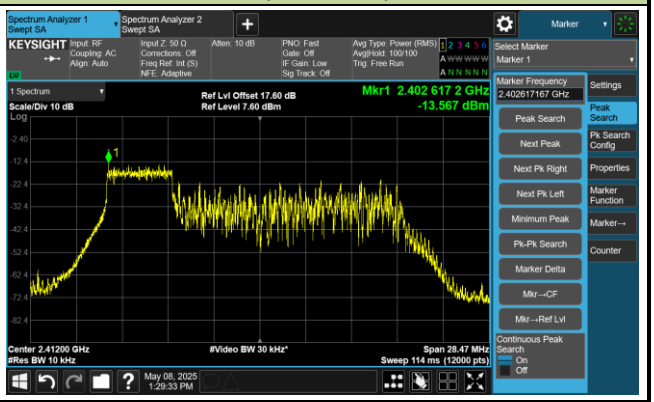


802.11ax-HE20 - AVGPSD - Ant 2

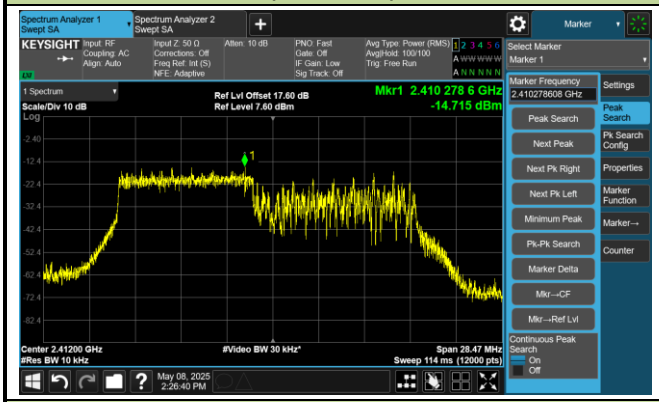
Channel 01 (2412MHz) - RU26/0



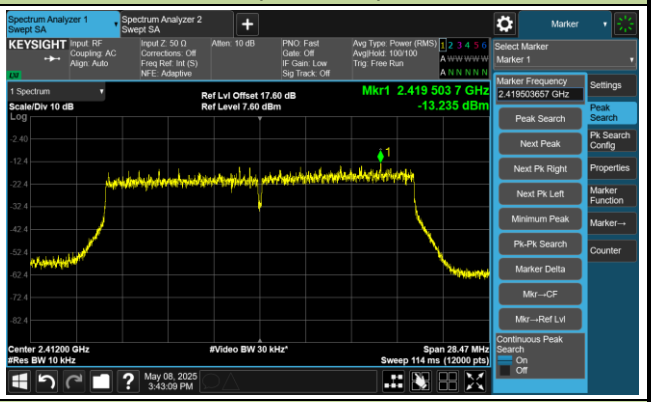
Channel 01 (2412MHz) - RU52/37



Channel 01 (2412MHz) - RU106/53

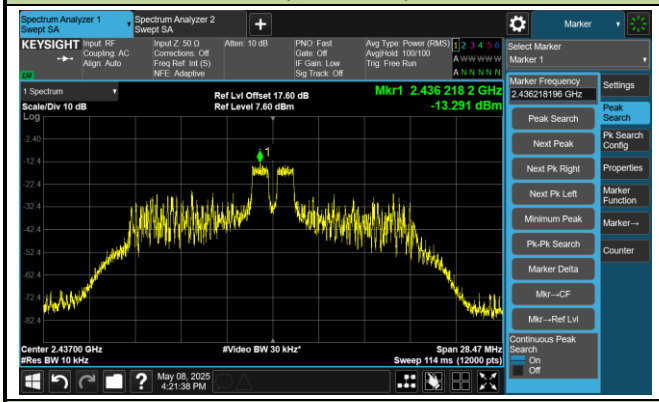


Channel 01 (2412MHz) - RU242/61

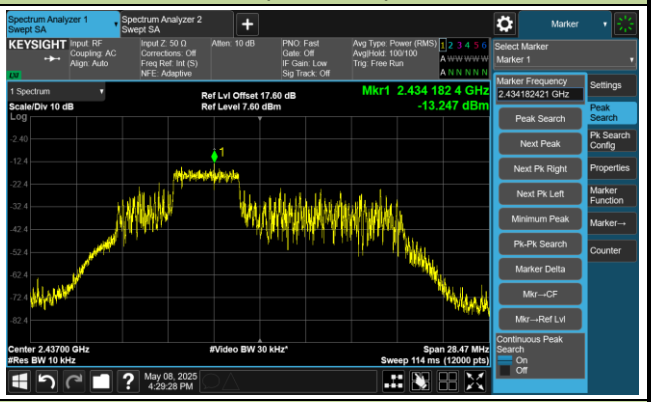


802.11ax-HE20 - AVGPSD - Ant 2

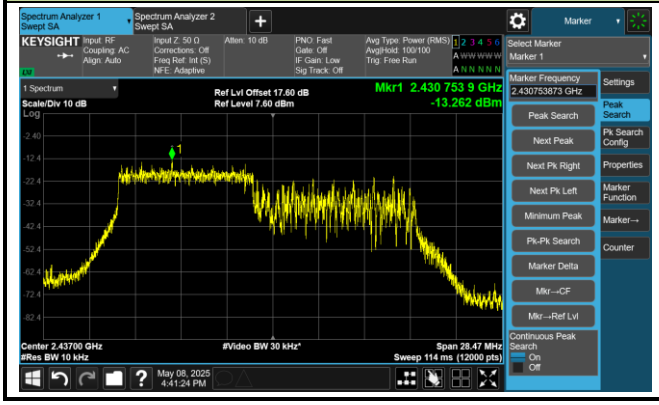
Channel 06 (2437MHz) - RU26/4



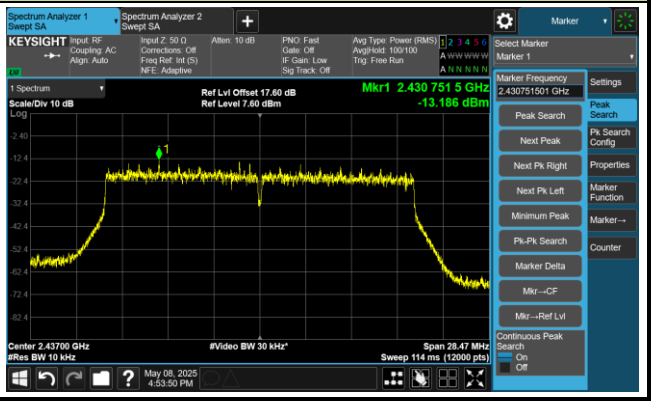
Channel 06 (2437MHz) - RU52/38



Channel 06 (2437MHz) - RU106/53

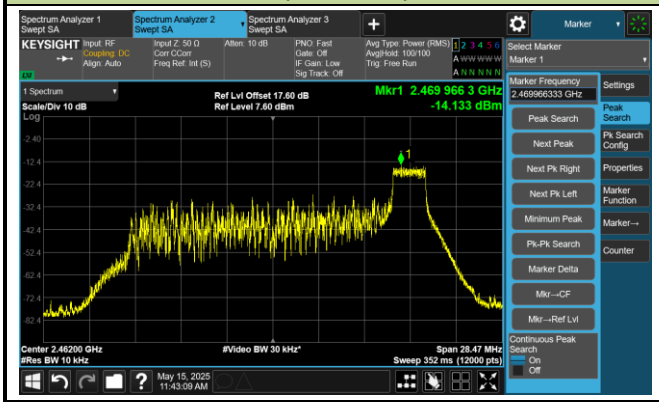


Channel 06 (2437MHz) - RU242/61

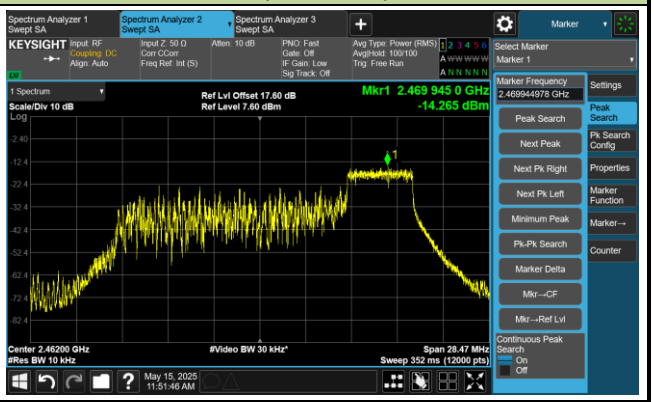


802.11ax-HE20 - AVGPSD - Ant 2

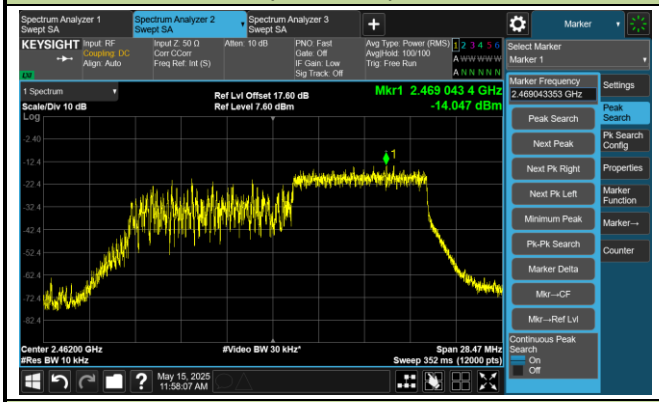
Channel 11 (2462MHz) - RU26/8



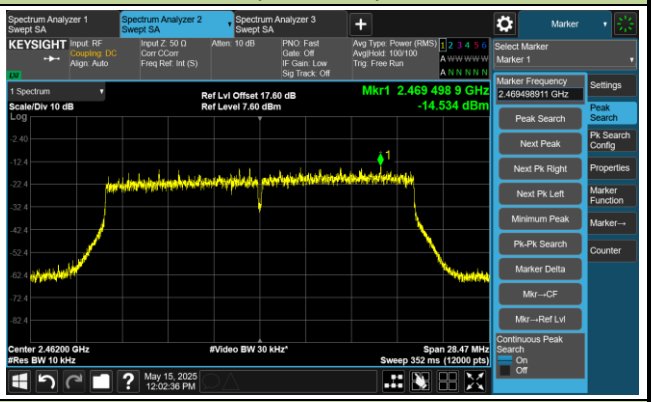
Channel 11 (2462MHz) - RU52/40



Channel 11 (2462MHz) - RU106/54

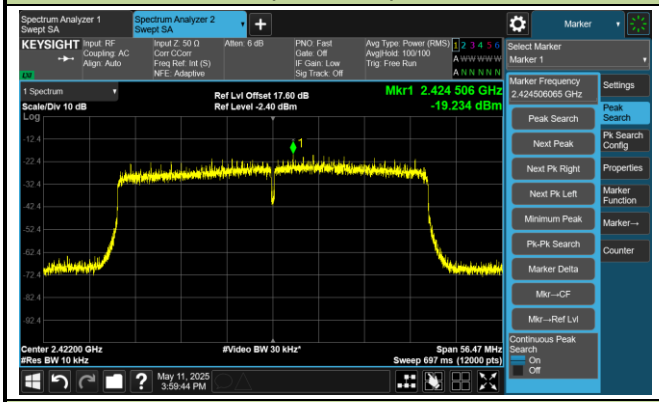


Channel 11 (2462MHz) - RU242/61

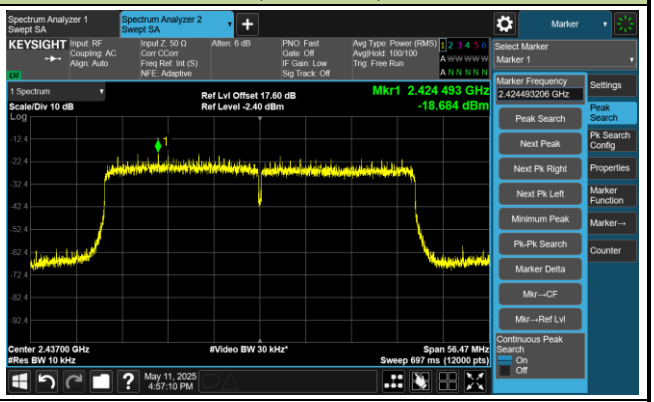


802.11ax-HE40 - AVGPSD - Ant 2

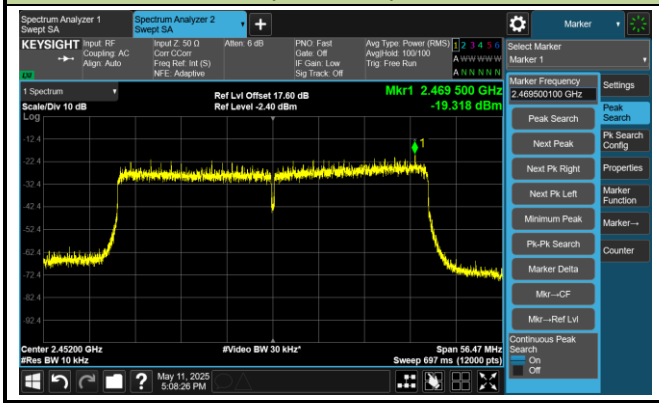
Channel 03 (2422MHz) - RU484/65



Channel 06 (2437MHz) - RU484/65



Channel 09 (2452MHz) - RU484/65



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

Full RU

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-05-02 ~ 2025-05-04		

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